

Capital Markets - Secondary Schools

Quiz Competition

NIGERIA



**FEDERAL MINISTRY OF
EDUCATION**



SEC
SECURITIES AND EXCHANGE
COMMISSION OF NIGERIA

For information and application forms
email - patrick@indabafrica.com

Introduction

The Capital Markets – Secondary Schools Quiz Competition is designed to emphasize and acknowledge the crucial role that capital markets play in driving economic development while also safeguarding and expanding household savings. This initiative serves as a platform to educate young minds, dispel misconceptions, and simplify the complexities associated with financial and capital markets. By doing so, the competition aims to encourage individuals from all backgrounds to actively participate in local investment opportunities, including stock exchanges.

Beyond financial education, the quiz competition serves as an engaging and dynamic avenue to inspire, challenge, and reward high school students for their pursuit of knowledge. As a prestigious, nationwide event, it provides a stage for students to showcase their academic prowess and celebrate their achievements. More importantly, the program nurtures a generation that is financially literate, instilling in them a strong awareness of the significance of savings, investments, and the broader role of capital markets in fostering economic growth.

The Competition aims to enhance financial literacy and provide a foundational understanding of capital markets. It is designed to educate students on the core principles of finance and investment, focusing on practical knowledge to prepare them for informed decision-making in the future.

Goals of the Competition



1. Bridging the Knowledge Gap

One of the key advantages of the Capital Markets – Secondary Schools Quiz Competition is its ability to bridge the financial literacy gap among the youth. Many young people enter adulthood without a clear understanding of how capital markets work or the benefits of investing. This competition provides a platform where students can learn these concepts early, setting them up for more informed financial decision-making in the future.

2. Practical Skills Development

The competition also focuses on the practical application of the knowledge gained. Students are not only learning theory but are also being prepared to apply these concepts in real-life scenarios. By learning about stocks, bonds, and investment strategies, they gain the tools necessary to engage with the financial markets, manage personal savings, and contribute to the economy.

3. Encouraging National Economic Participation

The competition plays a significant role in encouraging the youth to actively participate in the country's financial markets. By understanding the basics of how the stock market works and the importance of capital markets in economic growth, these students are better prepared to contribute to economic development in the future.

4. Nurturing Leadership and Collaboration

The event promotes teamwork, leadership, and collaboration among students. Teams must work together, with the guidance of their coaches, to develop strategies and answer quiz questions. This process builds not only financial knowledge but also interpersonal skills that are crucial for success in any professional field.

Financial Literacy

The Capital Markets – High Schools Quiz Competition is more than just a contest; it represents a long-term investment in Africa's future. By prioritizing financial education at such an early stage, the competition ensures that a new generation of financially savvy individuals will enter the workforce with a clear understanding of how to grow personal and national wealth. Participants in the previous competitions have demonstrated an impressive understanding of financial concepts and an enthusiasm for exploring capital markets.

The success of this initiative lies in its ability to connect academic knowledge with practical financial skills, ensuring that the impact will be felt for years to come. By promoting a culture of savings, investment, and financial literacy, the competition is helping to create a brighter future for Africa's economy and its youth. The Capital Markets – High Schools Quiz Competition is laying the foundation for a financially literate and economically active generation, ready to drive Africa's economic growth and prosperity.

The competition is structured into five key modules, with each one focusing on essential topics that shape the functioning of capital markets and investment strategies. Below are the details of the five modules:



1. Introduction to Capital Markets - Objective:

To provide a foundational understanding of capital markets, their role in the economy, and the various securities traded. This module introduces students to the concept of capital markets, explaining their importance as platforms where securities such as shares, bonds, and derivatives are bought and sold. It also covers the types of stock exchanges and how they facilitate the trading process. Through this, students will gain a basic understanding of how the Nigerian Stock Exchange (NSE) and other exchanges operate, and the different participants in these markets such as issuers, investors, and intermediaries.

2. Savings and Investment - Objective:

To highlight the importance of saving and the various investment options available in capital markets. This module explains the relationship between saving and investing and how both activities contribute to building wealth. It introduces students to various investment options such as stocks, bonds, and mutual funds, including the risks and benefits of each. The focus is on educating students about the advantages of long-term investing in financial instruments and the role of savings in wealth accumulation. They will also learn about the significance of setting financial goals and how to evaluate investment opportunities.

3. Economic Development and Capital Markets - Objective:

To explore the role capital markets play in fostering economic development and national growth. This module discusses how capital markets are integral to the economic development of a country, with a focus on how they enable governments and businesses to raise capital for infrastructure projects, innovation, and expansion. Students will learn about how the Nigerian capital markets, through instruments such as equities and Sukuk (Islamic bonds), contribute to financing critical sectors like healthcare, education, energy, and transportation. The module highlights the link between healthy capital markets and sustainable national economic growth.

4: Risk and Return in Investment - Objective:

To educate participants on how to balance risk and return in investment decision-making. This module focuses on teaching students the concept of risk and return, fundamental principles that guide investors when making financial decisions. Students will learn how to assess the risk profile of different investment options, how market factors affect returns, and the importance of diversification in managing risk. The module also emphasizes the trade-off between higher risk and potentially higher returns, encouraging students to understand their own risk tolerance and how it aligns with their financial goals.

5: Financial Literacy and Personal Finance - Objective:

To equip individuals with essential personal finance management skills to support long-term financial well-being. This module covers personal finance topics such as budgeting, saving, debt management, and the importance of credit scores. Students will be introduced to tools and strategies for effectively managing personal finances, including setting up an emergency fund, understanding compound interest, and planning for retirement. By the end of the module, participants will understand how to make informed financial decisions that align with their short-term and long-term goals.

Through this program, participants will not only gain a thorough understanding of the Nigerian Capital Markets and financial management principles but will also develop practical skills that they can apply in their personal and professional lives. By emphasizing practical knowledge and financial literacy, the competition aims to cultivate a new generation of financially literate individuals who are prepared to make informed decisions in an increasingly complex financial world.

Financial Inclusion and Its Benefits



Financial inclusion refers to the process of ensuring that all individuals, particularly those in disadvantaged sectors of society, have access to a range of affordable financial services. This chapter delves into how financial inclusion can be a powerful driver of economic growth and individual empowerment, ultimately leading to a more equitable and prosperous society. Financial inclusion is a key enabler of economic development, particularly in emerging markets, as it promotes broader participation in the economy. It connects individuals to banking services, facilitates access to credit, and provides opportunities for savings and investment. By removing barriers to financial services, financial inclusion contributes to reducing poverty, improving education, and fostering sustainable economic growth.

Benefits of Financial Inclusion

Access to Financial Products

One of the most significant benefits of financial inclusion is that it grants individuals access to a variety of essential financial products that were previously out of reach for many, especially the underserved and marginalized populations. These products include:

- **Savings Accounts:** Financial inclusion allows individuals to open savings accounts where they can securely store their money, earn interest, and build their wealth over time. This is crucial for those in rural or remote areas who previously had no access to safe places to store their earnings.
- **Loans and Credit:** Access to affordable loans and credit facilities empowers individuals to invest in education, healthcare, and business ventures, thereby improving their quality of life. Small-scale businesses can also benefit from access to microloans, enabling them to expand operations, hire more workers, and contribute to the economy.
- **Insurance:** Financial inclusion ensures that individuals have access to life, health, and property insurance. This reduces financial vulnerability in times of crisis and ensures that people have a safety net for unexpected events, such as medical emergencies, natural disasters, or death.
- **Pensions:** Access to pension products allows individuals to save for retirement, ensuring that they can maintain a stable income in their later years. This contributes to long-term financial security, particularly for those who work in the informal sector and may not have access to employer-sponsored pension plans.

Increased Financial Literacy

Another important benefit of financial inclusion is the promotion of financial literacy. As more people are included in the formal financial system, they are exposed to educational resources and tools that enhance their understanding of money management and financial planning. Increased financial literacy equips individuals with the knowledge needed to make informed financial decisions, which can have a profound impact on their lives. Key aspects of financial literacy include:

- **Understanding of Financial Products:**

Financial inclusion helps individuals understand various financial products, how they work, and how they can benefit from them. People become more informed about loans, interest rates, savings accounts, insurance, and investment opportunities, which helps them make better financial choices.

- **Budgeting and Money Management:**

Financial inclusion teaches individuals to manage their income, track their expenses, and set aside savings for future needs. It fosters habits of budgeting and money management, helping people avoid debt and plan for future financial goals, such as purchasing a home, sending children to school, or starting a business.

- **Credit and Debt Management:** With access to financial services, individuals learn how to manage credit responsibly, avoid predatory lending practices, and understand the impact of interest rates. They also learn how to improve their credit scores, which opens doors to better financial products and services.

- **Informed Investment Decisions:** Financial literacy promotes the understanding of investment options, helping individuals make informed decisions on where to invest their money to generate returns, whether through stocks, bonds, real estate, or mutual funds. This empowers individuals to build wealth over time

Economic Growth

Financial inclusion plays a pivotal role in driving economic growth by bringing a larger segment of the population into the formal financial system. This increased participation leads to several positive outcomes for the national economy, such as:

- **Improved Productivity:** By facilitating access to finance, financial inclusion supports entrepreneurship and business development. Small and medium-sized enterprises (SMEs) can access capital to expand their operations, create jobs, and contribute to economic growth. As more businesses grow, the overall productivity of the economy increases, leading to a stronger and more diversified economy.

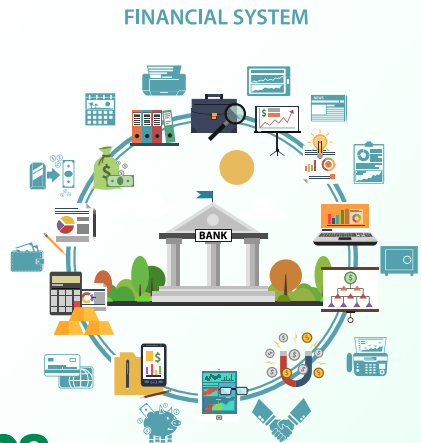
- **Inclusive Growth:** Financial inclusion ensures that the benefits of economic growth are more evenly distributed across society. By providing access to financial services in rural, underbanked, and disadvantaged communities, financial inclusion helps lift people out of poverty and reduces income inequality. It enables more people to contribute to the economy and participate in wealth creation, leading to a more inclusive society.

- **Job Creation:** Financial inclusion creates opportunities for individuals to start their own businesses, fostering a culture of entrepreneurship. As small businesses grow, they generate new jobs, reducing unemployment and improving the standard of living. Access to credit enables businesses to invest in infrastructure, equipment, and workforce expansion, which accelerates job creation.

- **Increased Investment:** With greater access to savings accounts and investment products, individuals are able to accumulate wealth and invest in the local economy. This increased investment leads to the creation of capital for infrastructure projects, technological advancements, and social initiatives. As investments grow, they stimulate the broader economy, fostering innovation and long-term economic sustainability.

- **Strengthened Financial Systems:**

Widespread financial inclusion strengthens the overall financial system. By incorporating more people into the financial system, banks and financial institutions can increase their deposit base and expand lending capabilities. This creates a more resilient economy that is better equipped to withstand economic shocks and fluctuations.



Empowerment of Marginalized Groups

Financial inclusion plays an essential role in the empowerment of marginalized groups, particularly women, the youth, and individuals living in rural or underserved areas. Access to financial services empowers these groups by giving them the tools they need to achieve financial independence and improve their quality of life.

- **Women's Empowerment:** In many parts of the world, women have historically been excluded from the formal financial system. Financial inclusion allows women to access loans, start businesses, and save for their future. This leads to greater financial independence, increased participation in the workforce, and improved decision-making power in households.
- **Youth Empowerment:** Financial inclusion also provides young people with the opportunity to learn financial management skills early in life. By gaining access to savings accounts, loans, and other financial services, youth can start building their financial future from an early age, laying the groundwork for successful careers and financial stability.
- **Rural Empowerment:** For individuals living in rural areas, financial inclusion can open up new opportunities for economic participation. With mobile banking, digital payment systems, and accessible financial services, people in remote locations can easily save money, access credit, and transfer funds, eliminating the barriers that previously prevented them from accessing formal financial services.

Promoting Financial Stability

As more individuals and businesses are integrated into the formal financial system, the overall financial stability of a country improves. Financial inclusion reduces the reliance on informal financial systems, which are often unregulated and more vulnerable to fraud and exploitation. By promoting the use of regulated financial institutions, financial inclusion helps reduce economic instability caused by informal lending practices, increasing confidence in the financial system.

The Role of Securities and Exchange Commission (SEC)

The **Securities and Exchange Commission (SEC)**, as the apex regulatory body in the **Nigerian capital market**, plays a critical role in overseeing and regulating the capital market to maintain a transparent, efficient, and fair environment for investors and issuers alike. Established initially in **1962** as the **Capital Issues Committee** at the **Central Bank of Nigeria (CBN)**, its formation marked the beginning of structured oversight over capital market activities in Nigeria. The primary goal was to regulate the issuance of securities, particularly stocks and bonds, and to provide a formalized approach to capital raising.

In **1973**, the body was restructured and became the **Capital Issues Commission** under the **Capital Issues Commission Act**. This new structure gave the commission more authority to manage securities issuance and the growing need for investor protection. As Nigeria's financial landscape developed and the complexity of its capital market increased, it became necessary to create a stronger and more comprehensive regulatory framework.


In **1980**, the body underwent another transformation when it was renamed the **Securities and Exchange Commission (SEC)** under the **SEC Decree No. 71**. This name change signified the expansion of its mandate beyond just overseeing the issuance of securities to encompass broader regulatory responsibilities, including the enforcement of rules regarding trading, investor protection, and capital market integrity.

The **Investments and Securities Act (ISA)**, No. 29 of **2007**, which remains the governing law for SEC's activities today, came into effect after several amendments to the original SEC Decree. The ISA consolidated various regulations and provided SEC with the tools needed to effectively oversee all aspects of the capital market, from securities trading to the regulation of market intermediaries. This Act has enabled the SEC to take a more active role in ensuring that market participants adhere to fair and ethical practices while also ensuring that investors are well protected.

Primary Responsibilities of the SEC

As the regulatory authority for the Nigerian capital market, the SEC's core functions are pivotal to maintaining the integrity of the market and fostering confidence among investors. These include:

- **Investor Protection:** The SEC works diligently to protect the interests of investors in Nigeria's capital market. This includes ensuring that investors have access to accurate, timely, and relevant information about the companies in which they are investing. The SEC also provides mechanisms for resolving disputes and claims that arise in the market, ensuring that investors are not subject to fraud or other unethical practices.

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- **Regulating Market Activities:** The SEC monitors and supervises all activities related to the issuance, buying, and selling of securities. This includes overseeing the operations of exchanges, clearinghouses, brokers, and other intermediaries. SEC also approves the listing of securities on exchanges, ensuring that only companies that meet specific criteria can raise capital from the public.
 - **Ensuring Transparency:** One of the SEC's most important roles is to enforce rules that promote transparency in the market. It ensures that financial reports are accurate and that companies disclose material information that might affect investor decisions. This transparency builds trust in the capital market and encourages both domestic and foreign investments.
 - **Preventing Fraudulent Practices:** The SEC enforces laws designed to prevent insider trading, market manipulation, and other fraudulent activities that can undermine the integrity of the capital market. Through rigorous surveillance and investigation, the SEC ensures that market participants adhere to ethical and legal standards, protecting the interests of investors and maintaining a level playing field.
 - **Regulation of Market Intermediaries:** SEC is responsible for licensing and regulating the operations of brokers, dealers, and other market intermediaries. These intermediaries are key players in the capital market, and their activities must be carefully controlled to prevent conflicts of interest, fraud, and abuse. The SEC also oversees the conduct of financial advisers, custodians, and clearing and settlement institutions.
 - **Promoting Market Development:** The SEC plays a vital role in developing the Nigerian capital market by promoting innovation and expanding the range of financial products available. It works on increasing the depth and breadth of the market by facilitating new capital raising mechanisms such as bonds, exchange-traded funds (ETFs), and real estate investment trusts (REITs). Additionally, the SEC supports efforts to improve financial literacy and inclusion, making it easier for Nigerians to participate in the capital market.
 - **Enforcement of Compliance:** The SEC is authorized to investigate market activities and enforce compliance with regulatory standards. Through periodic audits and market surveillance, the SEC ensures that all market participants adhere to the laws and guidelines set forth in the Investments and Securities Act (ISA). When necessary, the SEC takes legal actions against violators, including fines, penalties, and other sanctions.
 - **Corporate Governance Oversight:** In order to foster a healthy and sustainable capital market, the SEC plays an essential role in promoting good corporate governance practices among listed companies. It works to ensure that these companies have transparent and accountable management structures and that they meet the standards required for investor confidence.

Key Initiatives and Impact



The SEC has launched several key initiatives aimed at modernizing the Nigerian capital market and improving its competitiveness on the global stage. These include:

- **E-Governance Initiatives:** The SEC has embraced technology to streamline regulatory processes. Through digital platforms, the SEC facilitates seamless reporting and trading, offering a more efficient system for investors, issuers, and intermediaries. The adoption of e-governance initiatives has led to faster processing times for approvals, reducing bottlenecks and improving market accessibility.
- **Investor Education:** Recognizing the importance of investor knowledge, the SEC has implemented various educational programs aimed at increasing financial literacy. This initiative is crucial for the growing number of retail investors in Nigeria, as it helps them understand the risks, opportunities, and mechanisms of the capital market. The SEC has partnered with various stakeholders, including schools, financial institutions, and media outlets, to spread awareness about the capital market's benefits and potential risks.
- **Market Reforms:** The SEC continually works to enhance the regulatory framework to ensure that it aligns with international best practices. This includes updating the legal and regulatory structure to accommodate innovations such as cryptocurrency, derivatives, and sustainable investing. These reforms are intended to make the market more attractive to both local and foreign investors and position Nigeria as a leading financial hub in Africa.

SEC's Role in Enhancing Capital Market Integrity

The SEC is integral to maintaining the integrity of the Nigerian capital market. Through its enforcement of regulations and active monitoring of market activities, the SEC ensures that market participants operate in a fair, transparent, and accountable manner. This has a direct impact on market confidence, which in turn boosts investor participation and attracts capital. With a regulatory body like the SEC in place, investors can feel confident knowing that their investments are protected and that the market operates under a robust and well-regulated system.

- The SEC's efforts in combating fraudulent activities, enforcing compliance, and promoting corporate governance have helped establish Nigeria as one of the most competitive and regulated capital markets in Africa. With continuous development and regulatory advancements, the SEC remains a cornerstone in ensuring the stability and growth of the Nigerian capital market.

Financial Markets – An Overview

Financial markets are pivotal in the modern world of capitalism as they provide a marketplace where buyers and sellers can engage in the trade of various financial assets such as equities, bonds, currencies, and derivatives, among others. These markets serve as a crucial mechanism for the efficient allocation of capital and risk, providing opportunities for investment, speculation, and capital formation.

Capital Markets

Capital markets play a central role by offering a platform for the trading of securities, which include shares in companies, debentures, government stocks, corporate bonds, and municipal bonds. Additionally, they enable the issuers of these securities to raise capital or funds necessary for growth, expansion, or various projects.

The capital markets have two main activities or functions:

- **Primary Market:** This is where companies, municipalities, and governments issue new securities (e.g., shares, bonds, or other financial instruments) to raise capital. This initial sale allows the issuer to secure funds directly from investors.
- **Secondary Market:** Once securities have been issued in the primary market, they can be bought and sold in the secondary market. This provides liquidity to investors and allows them to realize capital gains or losses from their investments.

Capital Market Participants

There are several key participants in the capital markets who each play an important role in ensuring that the market operates efficiently and effectively:

Issuers

Issuers are the entities that create and offer securities to raise funds. The main types of issuers in the capital markets include:

- **Governments and Sovereign Entities:** These include national governments that issue securities such as government bonds or treasury bills.
- **Government Agencies and Parastatals (Government Corporations):** These are government-owned or controlled entities that may also issue bonds or stocks.
- **Supranational Organizations:** These include international financial institutions like the World Bank that issue debt to fund global development projects.
- **Banks:** Commercial banks often issue securities to raise funds for their lending and operational needs.
- **Companies:** Private and public companies issue equity and debt instruments to raise capital for business expansion, acquisitions, or operations.

Companies and banks may issue both debt and equity securities, whereas governments, their agencies, and supranational organizations typically issue debt-only securities.



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Investors

1. Investors are the individuals or entities that purchase securities in the market. There are two broad categories of investors:
 - **Institutional Investors:** These are large entities that invest substantial amounts of money on behalf of others. They typically include:
 - **Pension Funds:** Organizations that manage retirement savings and invest them in various securities.
 - **Insurance Companies:** Companies that invest their premium income to generate returns for policyholders.
 - **Fund Managers:** Professionals who manage investment portfolios for clients, such as mutual funds or hedge funds.
 - **Banks:** Financial institutions that invest in securities as part of their business operations and for portfolio management.
 - **Corporations:** Large companies may invest their cash reserves in the capital markets as part of their financial strategy.
2. **Private Investors:** These are individuals who invest their personal funds in the market, typically for long-term growth or income generation.
3. **Corporate Investors:** Companies that hold shares in other companies, usually as part of their business strategy or to maintain an equity stake in other entities.
4. **Institutional Investors:** These investors include pension funds, insurance companies, and other large entities that manage substantial sums of money for a variety of clients or beneficiaries.



Intermediaries

Intermediaries are essential in facilitating transactions in the capital markets. They act as the link between issuers and investors. Key intermediaries include:

- **Brokers:** These are firms or individuals that execute buy and sell orders on behalf of investors.
- **Market Makers:** These are entities that facilitate the trading of securities by providing liquidity. They continuously buy and sell securities, maintaining an orderly market.
- **Investment Banks:** These financial institutions assist companies in raising capital, provide advisory services, and facilitate mergers and acquisitions.

Types of Capital Market Instruments

Capital markets offer a range of financial instruments, including:

1. Equity Securities (Shares):

- **Ordinary Shares (Common Stock):** Represent ownership in a company and typically provide voting rights as well as a share of the company's profits through dividends.
- **Preference Shares (Preferred Stock):** Provide fixed dividends and preferential treatment in case of liquidation but typically do not carry voting rights.

2. Debt Securities (Bonds):

- **Corporate Bonds:** Debt securities issued by companies to raise funds for business operations or projects.
- **Debentures:** Unsecured debt issued by a company, often used for long-term financing.
- **Government Bonds:** Debt securities issued by the government to fund public sector projects.

3. Hybrids:


- **Convertible Securities:** Bonds or preferred shares that can be converted into a predetermined number of ordinary shares.

4. Derivatives:

- **Options:** Contracts that provide the holder the right (but not the obligation) to buy or sell an underlying asset at a set price within a specified time frame.
- **Futures Contracts:** Agreements to buy or sell an asset at a predetermined future date and price.
- **Swaps:** Contracts in which two parties agree to exchange future cash flows based on an underlying asset or financial index.

Collective Investment Schemes (CIS) – Unit Trusts

Collective Investment Schemes (CIS), also known as unit trusts in some regions, are investment vehicles that pool the contributions of many investors. These funds are managed by professional fund managers who invest the pooled money in a diversified portfolio of securities, such as shares, bonds, and other financial instruments. This pooling of resources enables individual investors to diversify their portfolios and gain access to a broader range of investment opportunities, which may be otherwise difficult to achieve individually due to capital constraints.



In the Nigerian capital market, CIS offers an important avenue for investors seeking diversification, professional management, and potentially higher returns. The Nigerian Stock Exchange (NGX) and other regulatory bodies like the Securities and Exchange Commission (SEC) regulate CIS to ensure transparency, protect investors, and maintain the integrity of the market.

Pension Schemes

A **pension** is an income payment made to individuals who have retired from work, typically funded by contributions made during the person's working years. In the Nigerian context, pensions are usually provided through two systems:

1. **State-provided pensions:** These are typically paid out of current taxes and are generally available to public sector employees.
2. **Private pension schemes:** These are set up by private companies or through personal arrangements, where both employees and employers contribute funds over time, which are later used to provide income during retirement. In Nigeria, the **National Pension Commission (PenCom)** regulates private pension schemes, ensuring that contributions are invested in a safe and profitable manner.

Insurance Companies

Insurance companies play a significant role in financial markets. They receive premiums from their customers, which are then invested in a range of financial instruments, including stocks, bonds, and real estate, to generate returns. These investments are crucial for meeting future claims by policyholders and for distributing profits. As large investors, insurance companies hold significant influence in capital markets, and their investments help maintain liquidity and stability in these markets.

Intermediaries in Capital Markets

Intermediaries are essential in ensuring the smooth operation of the capital markets. They help connect buyers and sellers of securities and provide a range of services that facilitate transactions. Intermediaries can be divided into three main groups:

1. **New Security Issue Experts:** These include investment banks and corporate advisers that assist companies and governments in issuing new securities. They play a crucial role in ensuring that the issuing entity complies with regulatory requirements and successfully raises capital.
2. **Trading Experts:** These are brokers who act as agents for investors to buy and sell securities in the secondary market. Brokers charge a commission for executing trades on behalf of their clients.
3. **Clearance, Settlement, and Custody:** These intermediaries ensure the proper transfer of securities and money following a trade. They include clearing houses, depositories, custodians, and transfer agents. Their roles include verifying and processing transactions, ensuring that the transfer of securities and payment of funds occur smoothly and efficiently.

Stock Markets and Derivatives

Stock exchanges, including the **Nigerian Stock Exchange (NGX)**, provide a platform for companies to raise capital by issuing securities, while also enabling investors to buy and sell securities in the secondary market. The growing popularity of stock exchanges reflects their importance in supporting business sectors and facilitating capital formation.

Options and the Options Market

An **option** is a financial derivative that gives the holder the right (but not the obligation) to buy or sell an asset, such as a stock or commodity, at a pre-specified price before a certain date in the future. Options are used as a hedging tool or as a way to profit from price movements.

Futures Contracts

A **futures contract** is an agreement to buy or sell a specific asset or commodity at a predetermined price at a set future date. Futures contracts are typically traded on futures exchanges and are used by companies to hedge against price fluctuations or by speculators looking to profit from future price changes. These contracts can involve commodities like oil or gold, or financial instruments such as government bonds and stock indices.

Types of Futures Contracts

Futures contracts can be classified into four main groups:


1. **Currency Futures:** Contracts to buy or sell a specific amount of a currency at a future date.
2. **Interest Rate Futures:** These are futures contracts based on the future level of interest rates.
3. **Stock Index Futures:** Futures contracts based on the performance of a stock index, such as the S&P 500 or the NGX 30 index.
4. **Commodity Futures:** Futures contracts based on the price of commodities like oil, gold, agricultural products, etc.

Commodities

Commodities are raw materials or primary agricultural products that can be bought and sold. In the capital market, commodities play a significant role as they are traded globally, and their prices fluctuate due to factors such as supply and demand. In the Nigerian context, commodities like crude oil, gold, and agriculture-based products are significant contributors to the economy.

Commodities are divided into categories such as:

- **Base Metals:** Examples include copper, nickel, and tin.
- **Precious Metals:** Examples include gold, silver, and platinum.
- **Soft Commodities:** Examples include coffee, cocoa, and sugar.
- **Agricultural Commodities:** Examples include beef, grain, and wheat.
- **Energy Commodities:** Examples include oil and gas.



Dealings in commodities can either be in the physical commodity itself (cash market) or through derivatives (futures contracts).

Forward Contracts and Swaps

A **forward contract** is similar to a futures contract but is customized between two parties. Forward contracts are typically used for specific transactions where the terms cannot be standardized. These contracts do not involve a clearing house, which differentiates them from futures contracts.

A **swap** is a contract between two parties to exchange future cash flows based on an underlying asset or financial instrument. Common types of swaps include **interest rate swaps** and **currency swaps**, which are used by corporations to manage exposure to fluctuations in interest rates or currency exchange rates.

Money Markets

The **money market** is where short-term borrowing and lending occur, typically with maturities of one year or less. It is a crucial part of the financial system as it helps ensure liquidity and provides a means for governments, financial institutions, and corporations to manage their short-term funding needs.

Deposit Markets

Deposit markets are wholesale markets used by banks, corporate entities, and financial institutions to borrow and lend short-term funds. These markets facilitate liquidity and help stabilize the financial system.

Treasury Bills

Treasury bills (T-bills) are short-term securities issued by governments to raise capital. They are typically sold at a discount to their face value, and investors are paid the full-face value upon maturity. T-bills are considered low-risk investments as they are backed by the government.

The Foreign Exchange Market

The **foreign exchange market (Forex)** is an international network where currencies are bought and sold. The market operates 24 hours a day and involves the exchange of one currency for another. Forex trading is crucial for international trade, as it allows businesses to convert one currency to another to facilitate global commerce.

Capital markets are fundamental to the functioning of modern economies, offering a platform for the trading of securities and facilitating capital raising for issuers. In markets like Nigeria's, various participants—investors, issuers, and intermediaries—play vital roles in ensuring smooth operations. These markets, which include securities, derivatives, money markets, and forex, contribute significantly to economic growth by providing opportunities for investment, liquidity, and capital formation. To successfully navigate the complexities of these markets, it is crucial to understand the diverse instruments traded, the roles of market participants, and the operations of both primary and secondary markets.

Understanding the Economy



The economy is a complex, interconnected system where businesses, governments, consumers, and foreign participants interact in the processes of producing, distributing, and consuming goods and services. Every participant plays a critical role in driving the dynamics of economic activity. Understanding how the economy functions is fundamental for anyone making informed investment decisions, as the overall economic health of a country directly influences stock prices, currency values, and market sentiment. Changes in economic indicators, such as GDP growth rates, interest rates, and employment figures, can have significant effects on the investment landscape. This knowledge empowers investors to navigate fluctuations in the market and anticipate trends that may impact their portfolios.

Key Concepts in Economics

- **Microeconomics:** Microeconomics is the study of individual decision-making in the economy. It focuses on how consumers, firms, and industries make choices regarding resource allocation, pricing, and production. Key topics include supply and demand, competition, market structures (monopolies, oligopolies, etc.), and consumer behaviour. Microeconomics helps explain the mechanisms that drive business operations, pricing strategies, and consumer preferences.
- **Macroeconomics:** In contrast, macroeconomics examines the economy as a whole. It deals with large-scale economic factors and national policies, including inflation, unemployment, economic growth, interest rates, and exchange rates. Macroeconomic analysis helps to understand how government policies, monetary systems, and international trade affect overall economic stability and growth.

Macroeconomic Sectors

The economy is traditionally divided into four major sectors, each contributing to the economy's overall functioning and stability:

- **Household Sector:** This sector represents the consumers in the economy who drive demand. Households spend money on goods and services, thereby supporting businesses and encouraging production. The financial behaviour of households, such as savings rates and consumption patterns, can provide important insights into the broader economy's health. The purchasing power of consumers, influenced by factors such as wages and credit access, is a key driver of economic growth.

- **Business Sector:** Businesses are the producers of goods and services that consumers demand. This sector includes all types of enterprises, from small businesses to multinational corporations. The business sector also plays a role in the labour market, employing workers and influencing wage growth. The performance of businesses directly affects economic output, employment, and innovation, all of which are critical components of national economic health.
- **Government Sector:** The government plays a dual role as both a consumer and a regulator. As a consumer, the government spends on infrastructure, defence, education, healthcare, and other public goods and services. It also regulates economic activities through policies such as taxation, trade laws, and industry-specific regulations. The government's fiscal policies (taxation and public spending) and monetary policies (interest rates and money supply) influence economic stability, growth, and inflation.
- **Foreign Sector:** The foreign sector encompasses international trade and investment. It includes foreign consumers, businesses, and governments involved in buying and selling goods, services, and assets across borders. Trade, capital flows, and foreign direct investment (FDI) are crucial for the economy's openness and global competitiveness. A healthy foreign sector often results in a positive balance of trade, which can strengthen the national currency and economic position on the global stage.

Economic Goals

- Every economy aims to achieve several fundamental objectives, which help guide policy decisions and ensure sustainable development:
- **Full Employment:** Full employment means utilizing all available resources, particularly human resources, to their maximum potential. High employment levels correlate with increased production, higher consumer spending, and a more robust economy. Government policies typically aim to reduce unemployment by fostering business growth and encouraging investment.
- **Stability:** Stability refers to avoiding excessive fluctuations in economic performance. This includes minimizing inflation, reducing volatility in business cycles, and stabilizing exchange rates. Economic stability fosters confidence in the market, attracts investment, and ensures that growth is sustainable. Governments and central banks employ monetary policies, such as controlling interest rates, to stabilize inflation and employment levels.
- **Growth:** Growth is the long-term increase in a country's production capacity. This is achieved through technological advancement, innovation, and capital investment. Economic growth helps to reduce scarcity, create jobs, and improve living standards. Growth is often measured by the increase in GDP, but it also reflects improvements in productivity, infrastructure, and access to education and healthcare.

Economic Cycle

The economy naturally follows a cyclical pattern, often referred to as the business cycle, which includes various phases of expansion and contraction. The business cycle is a vital concept for understanding short-term fluctuations in economic activity and their effects on investment markets.

- **Expansion:** During this phase, economic activity rises as businesses increase production and consumers spend more. Employment typically rises, and inflation tends to increase due to higher demand for goods and services. Expansion is usually accompanied by rising stock market performance as businesses and consumers gain confidence.
- **Peak:** This is the point where economic growth reaches its highest level. At the peak, the economy operates at full capacity, with low unemployment and high output. However, a peak is often followed by a slowdown, as rising costs and inflationary pressures start to take hold. The economy can no longer expand at the same rate, and the risk of a downturn increases.
- **Contraction:** A contraction is marked by a slowdown in economic activity. During this phase, production and demand decrease, leading to a rise in unemployment and a decline in consumer confidence. Economic growth slows, and businesses may cut back on investment. The contraction phase can lead to a recession if the slowdown is prolonged.
- **Trough:** The trough represents the lowest point of the economic cycle, signaling the end of the contraction phase. At this point, economic activity stabilizes, and conditions begin to improve. Unemployment may remain high, but signs of recovery start to emerge, setting the stage for the next phase of growth.
- **Recovery:** Recovery marks the beginning of economic growth after the trough. As businesses resume investment, consumers start spending more, and economic conditions improve. Employment rises, and the economy starts to expand again, moving towards the next phase of growth.

History of Financial Markets

Introduction

Today's world of global capitalism is a result of the industrialisation process which began in the early 1800s. The better part of this growth was made possible by financing resulting from investment in equities. The basis of all equity or share investment is the principle of limited liability which says a private company's owners (shareholders) are only legally responsible for its debts only to the extent of the amount of capital they invested and are not personally liable for the company's debts or liabilities. Those who are owed by the company can only receive repayments by the company. If that is not enough, they cannot pursue owners in their own capacity for settlement. This principle provided the platform for the formation of the public company and the international capital markets as we know them today.

Companies and Shares

The stock exchange is a market where shares and stocks are bought and sold. It is also a platform where capital is raised to fund operations of business as well as local (municipalities and rural district councils) and central government. The actual date when trading in shares began is not known but studies show that buying and selling of securities have existed for centuries all over the world. One of the earliest known markets was established in Paris, France around 11381. Other studies say shares were first issued in the 16th century. In 1553 the first joint stock company (as they were called then), known as the Muscovy Company, was set up in London to trade with Russia. Two years later the first bonds were issued by the French government. History shows that companies such as Hudson Bay Company of England and the well-known Dutch United East India Company were set up during the 1600s to take advantage of the flourishing trade with the countries discovered by the early explorers. Up till then, companies had been set up for the limited periods only with a few investors whose shares could not be easily traded. The Dutch United East India Company's shares offer worth 6.3 million florins (a foreign coin of gold or silver, especially a Dutch guilder) was a huge success, selling out in a month to a public that reacted as if it had been trading in shares for generations.

Thereafter, the company was virtually independently responsible for the creation of the Dutch stock market which became the model for every other stock market in Europe. Growing wealth from rising trade and industry meant that more people had share capital, though with limited appropriate means to invest it. The establishment of stock markets transformed that forever. The idea behind the creation of these companies still remains the same today; Investors provide risk capital in exchange for a share of the potentially vast profits of these ventures.

The South Sea Bubble

The South Sea Company (SSC) in the 1700s experienced one of the earliest recorded financial crises. SSC had a monopoly over British trade with South America, causing a speculative frenzy. Investors were drawn in by promises of large profits, but the company's operations were not as profitable as it claimed. When the bubble burst in 1720, share prices collapsed, and many investors, including Sir Isaac Newton, suffered significant losses.

The Tulip Mania

In the 1620s in the Netherlands, the price of tulip bulbs soared to extraordinary levels. This speculation, driven by the demand for tulips as luxury items, led to the phenomenon known as "Tulipmania." The market collapsed in 1637, resulting in massive financial losses for traders and investors who had speculated on tulip futures.

The Development of Stock Exchanges

Stock Exchanges and the Evolution of Trading

Stock exchanges have evolved from basic marketplaces to complex systems that facilitate the buying and selling of financial securities. The earliest known organized exchange was established in Bruges, Belgium, in the 1200s. The Dutch and British stock exchanges followed, with the London Stock

Exchange playing a major role during the Industrial Revolution. The spread of stock exchanges was accelerated through the British Empire, reaching Australia and South Africa in the 19th century.

Wall Street and the New York Stock Exchange

The New York Stock Exchange (NYSE) began in 1791, becoming the centre of the American financial market. It eventually grew to become the world's largest stock exchange, with its market index, the Dow Jones Industrial Average, created in 1896. Other stock exchanges, like the American Stock Exchange, emerged in response to the NYSE's dominance.

The Great Depression

The 1929 Wall Street crash triggered the Great Depression, leading to a prolonged economic downturn. It was caused by overvaluation of stocks, speculation, and margin buying. The collapse of the market led to mass unemployment, widespread poverty, and a 90% reduction in investment.

The Nigerian Exchange Group (NGX)




Overview of NGX Group

The Nigerian Exchange Group (NGX) serves as a cornerstone of the financial markets in Africa's largest economy, providing an essential platform for trading securities, capital raising, and market access. With its diverse range of services, NGX is integral to the financial ecosystem in Nigeria. It facilitates both local and international investment in a dynamic marketplace.

NGX Group comprises three primary subsidiaries:

- **NGX Exchange:** Provides a platform for the trading of securities, such as equities, bonds, and other financial instruments, contributing to price discovery and liquidity in the capital market.
- **NGX REGCO:** Responsible for overseeing and regulating the activities of the exchange, ensuring market integrity, transparency, and compliance with industry standards.
- **NGX RELCO:** Manages listing services, including support for companies seeking to go public, and provides solutions for companies to raise capital through stock issuance and debt instruments.



In addition to securities trading, NGX provides comprehensive market data solutions, trading technology, and a robust regulatory framework. It plays an important role in ensuring the efficiency of Nigeria's capital markets, benefiting both local and international investors.

History and Evolution of NGX

The **Nigerian Exchange Group (NGX)** has undergone significant transformations since its inception. Originally founded in 1960 as the **Lagos Stock Exchange**, it was renamed the **Nigerian Stock Exchange (NSE)** in 1977, reflecting its expansion to serve the broader Nigerian market.

In the early years, the exchange operated as a manual trading system, but with rapid advancements in technology, the exchange adopted various innovations to modernize its operations. The introduction of the **Automated Trading System (ATS)** was a major step towards improving market efficiency and reducing human errors in trade execution. The **X-GEN platform**, launched later, further enhanced the trading environment by providing high-performance technology for seamless transactions.

A pivotal moment in NGX's history occurred in **2021**, when the exchange underwent a demutualization process, transitioning from a membership-based model to a **shareholder-driven structure**. This change paved the way for increased investor participation and improved governance. NGX's listing on the exchange allows for a more modern, dynamic approach to market operations and is poised to support further growth in the Nigerian economy.

As NGX continues to evolve, its role in facilitating the growth of Nigeria's economy through efficient capital raising, transparent trading, and investor protection becomes even more significant.


Evolution of the Nigerian Capital Market

The evolution of the **Nigerian capital market** dates back to **1946**, when the first major development stock of **£300,000** (three hundred thousand pounds sterling) was issued by the then **Colonial Administration**. This was a significant move in the history of the market, occurring even before the establishment of the **Central Bank of Nigeria (CBN)** in **1958**. The issuance was part of the government's effort to raise funds for infrastructure projects, laying the foundation for the capital markets in Nigeria.

The CBN, alongside the **Ministry of Finance**, played a pivotal role in shaping the early structures of the Nigerian capital market. As the financial system expanded, the CBN helped facilitate the establishment of regulatory and supervisory bodies such as the **Securities and Exchange Commission (SEC)**, which was created to oversee the capital market, ensuring transparency, fairness, and stability.

The Formation of the Nigerian Stock Exchange (NSE)

The formal establishment of the **Nigerian Stock Exchange (NSE)** took place in 1960, under the name **Lagos Stock Exchange (LSE)**. This was a landmark event in the history of the Nigerian capital market as it created a centralized platform for the trading of stocks and bonds. The NSE began its trading



operations in 1961, with a modest list of three equities, six Federal Government bonds, and ten industrial loans, bringing the total number of listed securities to nineteen.

The early years of the Lagos Stock Exchange were marked by slow but steady growth, largely due to Nigeria's economic and political landscape at the time. Despite the challenges, the exchange steadily became the hub for capital raising, and businesses, particularly in the industrial sector, began to list their securities to raise capital for expansion.

In 1977, the Lagos Stock Exchange was renamed to the **Nigerian Stock Exchange (NSE)** to better reflect its role as the national stock exchange, serving the needs of the entire country. This shift signified the increased recognition of the exchange's role in national economic development, and the market began to expand rapidly, attracting both domestic and international investors.

Technological Advancements and System Upgrades

The NSE has undergone significant technological advancements over the years. Initially, the exchange operated a **manual call-over system**, where brokers would meet in person to buy and sell securities. This system was cumbersome and slow, but it was necessary for the time. As Nigeria's economy and financial markets grew, the need for a more efficient and accessible trading system became evident.

In 1999, the Nigerian Stock Exchange took a major leap forward by introducing an **Automated Trading System (ATS)**, which significantly improved the efficiency of trading activities. The ATS allowed trades to be executed electronically, cutting down on delays and human errors that were common in the manual system. This system also made it easier for investors to participate in the market, as it reduced the need for physical presence in the trading hall. The introduction of the X-GEN platform in 2013 marked another technological leap for the NSE. The X-GEN platform is a cutting-edge **technology infrastructure** that enables high-speed, high-frequency trading, improving liquidity and attracting more local and international investors to the market. The platform supports a variety of asset classes, including equities, bonds, and other financial instruments, making it a versatile tool for market participants.

Growth and Diversification of the Market

As the Nigerian Stock Exchange continued to modernize, it also began to diversify its product offerings. Initially, the NSE focused on stocks and bonds, but over time, it expanded to include other financial instruments such as **Exchange Traded Funds (ETFs)**, **Real Estate Investment Trusts (REITs)**, and Derivatives. These new instruments allowed for more complex investment strategies and provided a wider array of options for both retail and institutional investors.

Today, there are more than 200 securities listed on the Nigerian Stock Exchange, which include a mix of equities, bonds, government securities, and corporate securities. The market has grown in both depth and breadth, providing opportunities for investors to diversify their portfolios and manage risk more effectively.



The Role of the NSE in Economic Development

The Nigerian Stock Exchange has played a central role in Nigeria's economic development by serving as a primary source of capital for businesses. Through the issuance of shares and bonds, companies have raised capital to fund growth, expand operations, and create jobs. The capital raised through the exchange has been critical in financing major infrastructure projects, such as roads, bridges, schools, and hospitals.

The NSE has also been instrumental in promoting **financial inclusion** by making investment opportunities more accessible to the general public. With the introduction of **online trading platforms** and **mobile trading apps**, investors across Nigeria and even abroad can now access the market easily and at a low cost. This accessibility has helped attract a new generation of investors, particularly retail investors who may not have had the opportunity to participate in the market before.

Furthermore, the NSE has become a key player in the regional and global financial markets. With its commitment to transparency, corporate governance, and market integrity, the Nigerian Stock Exchange has gained international recognition and attracted foreign investments. This, in turn, has helped bolster the Nigerian economy, making it one of the largest and most diversified economies in Africa.

Recent Developments and Future Prospects

The recent **demutualization** of the Nigerian Stock Exchange in **2021** was another landmark event in the history of the NSE. This process, which transformed the exchange from a membership-based structure to a shareholder-driven one, paved the way for more significant governance reforms and enhanced market operations. The move towards a more corporate structure is expected to lead to greater market efficiency, improved transparency, and better investor confidence.

Looking ahead, the future of the Nigerian capital market appears bright. With continued technological advancements, regulatory reforms, and increased global connectivity, the Nigerian Stock Exchange is poised to become an even more influential player in the global financial markets. As Nigeria's economy continues to grow and diversify, the capital market will undoubtedly play a crucial role in supporting businesses, driving investment, and contributing to the development of the nation.

In conclusion, the evolution of the Nigerian capital market reflects the country's economic growth and the increasing sophistication of its financial systems. From its humble beginnings in 1960 to its current status as a leading exchange in Africa, the Nigerian Stock Exchange has come a long way in driving capital formation, promoting economic development, and providing investment opportunities for both local and global investors. As the market continues to evolve, it will remain a vital component of Nigeria's economic success.

Investor Education and Market Accessibility

One of the critical components of the Nigerian capital market is ensuring that investors are well-informed and have the knowledge to make sound investment decisions. The **Securities and Exchange Commission (SEC)**, Nigeria's market regulator, plays a key role in **investor education** by providing resources and conducting outreach initiatives to help individuals understand market dynamics, risks, and opportunities.

The SEC's efforts are complemented by educational programs, investor forums, and awareness campaigns designed to empower individuals, especially those who are new to investing, with the skills and knowledge necessary to navigate the market safely and effectively.

With the advent of technology, particularly **internet-based and mobile trading platforms**, the Nigerian capital market has become more **accessible** to individuals from all walks of life, including those in remote or underserved regions. Mobile applications allow investors to trade stocks, bonds, and other securities from the convenience of their smartphones, bridging geographical barriers and enabling a larger portion of the population to participate in the capital market.

This shift towards digital platforms has been transformative, making investing more accessible to the masses and allowing smaller investors to take advantage of capital market opportunities previously reserved for larger institutional players.

Furthermore, the Nigerian Exchange's online services and tools empower retail investors with real-time market data, educational content, and trading capabilities, facilitating smarter and more informed decision-making. As accessibility improves, more people are entering the market, contributing to its overall growth and liquidity.



Issues of Concern in the Nigerian Capital Market

While the Nigerian capital market offers numerous opportunities for investors and companies, it also faces several challenges that need to be addressed to ensure a healthy, sustainable, and efficient market. Below are some of the major issues of concern:

Ponzi Schemes

Ponzi schemes remain a major concern within the Nigerian capital market. These fraudulent investment schemes promise unusually high returns to attract new investors. Instead of generating legitimate profits, the funds collected from new investors are used to pay returns to earlier investors. Eventually, as the scheme fails to attract enough new investors to sustain payouts, it collapses, leaving many participants with significant financial losses.



Ponzi schemes are often disguised as legitimate investment opportunities, making them difficult for ordinary investors to identify. These schemes exploit the lack of financial literacy and the desire for quick returns. Their impact on the market is detrimental, as they undermine investor confidence, tarnish the reputation of legitimate investment platforms, and contribute to market instability. Regulators, such as the Securities and Exchange Commission (SEC), have made efforts to combat Ponzi schemes, but the issue persists in various forms.

Limited Knowledge of the Market

A significant challenge faced by many participants in the Nigerian capital market is the **lack of financial literacy**. Many investors, particularly retail investors, do not fully understand how the market works, the risks involved, or the factors that influence stock prices and other securities. This knowledge gap can lead to poor investment decisions, such as purchasing stocks based on rumours, speculation, or short-term trends, rather than informed analysis.

Lack of knowledge also contributes to the prevalence of fraudulent schemes, as less informed individuals are more likely to fall prey to Ponzi schemes or invest in high-risk assets without fully understanding the potential consequences. For example, many investors may not know how to evaluate a company's financial health, assess market trends, or choose diversified investment portfolios, leaving them vulnerable to losses.


The need for **investor education** is paramount in the Nigerian capital market. Government agencies, regulators, and market players should prioritize initiatives aimed at improving financial literacy. These could include public awareness campaigns, investor education programs, and providing resources that help people understand market dynamics, investment strategies, and risk management. With better education, investors can make informed decisions, reducing the risks of market manipulation and exploitation.

Market Manipulation and Insider Trading

Market manipulation, including insider trading, is another issue of concern in the Nigerian capital market. Insider trading occurs when individuals with access to confidential information about a company use that knowledge to buy or sell stocks before the information is made public, potentially influencing stock prices unfairly. This not only undermines the integrity of the market but also discourages investor participation due to perceived unfairness.

While the Securities and Exchange Commission (SEC) has regulations in place to address insider trading, enforcement remains a challenge. The lack of robust surveillance systems, combined with limited resources for monitoring trades, allows some market participants to engage in unethical practices with relative impunity.

Furthermore, other forms of market manipulation, such as pump-and-dump schemes, where individuals artificially inflate the price of a stock and then sell off their shares for a profit, can also affect



market stability. These practices erode investor trust and hinder the development of a fair and transparent market.

Liquidity Issues

Another challenge facing the Nigerian capital market is the **liquidity** of certain securities. Liquidity refers to the ability to buy and sell assets without causing significant price fluctuations. In the Nigerian market, certain stocks, especially those of smaller or less well-known companies, suffer from low liquidity. This means that investors may find it difficult to sell their holdings at a fair price, especially in times of market stress.

Low liquidity can also result in high bid-ask spreads, which increase transaction costs for investors. As a result, many institutional and retail investors may be hesitant to invest in less liquid assets, potentially reducing market depth and limiting opportunities for capital raising by smaller companies.

Efforts to improve market liquidity could involve strengthening the trading infrastructure, encouraging more market makers, and promoting the listing of a wider range of companies, including those from growing sectors of the economy.

Volatility and Market Speculation

The Nigerian capital market is known for its volatility, which can be triggered by several factors, including political instability, changes in government policy, global economic trends, and commodity price fluctuations. While volatility presents opportunities for profit, it also exposes investors to significant risks, especially those who are not well-prepared to handle price swings.

Many retail investors, influenced by short-term trends, engage in speculative trading, buying and selling stocks based on rumours, market sentiment, or speculation rather than solid financial analysis. This speculative behaviour can exacerbate market volatility, making it more difficult for investors to predict market movements and manage risk.

To mitigate the impact of speculation, it is essential to promote a more disciplined investment culture in the market. Investors need to understand the value of long-term investment strategies, diversified portfolios, and the importance of assessing the underlying fundamentals of companies before making investment decisions.

Infrastructure and Technology Gaps

While the Nigerian capital market has made significant strides in modernizing its infrastructure, challenges remain in terms of technology and operational efficiency. Issues such as **outdated trading platforms**, inadequate data systems, and limited access to market information for retail investors can hinder the smooth functioning of the market. Furthermore, some investors in rural areas still face difficulties in accessing market services due to a lack of internet connectivity or mobile trading options. To address these challenges, there is a need for continuous investment in market infrastructure,

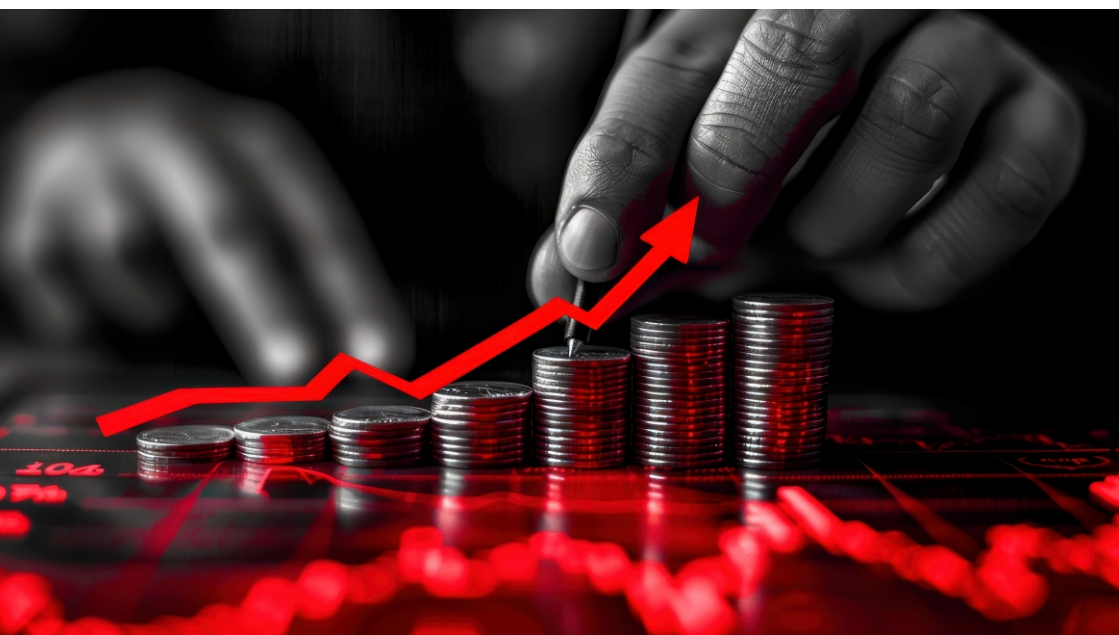
including more user-friendly trading platforms, real-time data feeds, and enhanced online access to market information. Expanding mobile trading options and financial services to underserved regions will also help to increase market participation and reduce the digital divide.

Regulatory Gaps and Enforcement Challenges

Despite having a regulatory body like the **Securities and Exchange Commission (SEC)**, challenges remain regarding enforcement of regulations in the Nigerian capital market. Issues such as weak monitoring, lack of timely enforcement actions, and limited accountability can create an environment where unscrupulous market participants can exploit loopholes or violate regulations without facing severe consequences.

Improving the regulatory framework and enforcement mechanisms is essential for restoring investor confidence and ensuring that the capital market operates fairly. This includes strengthening the SEC's surveillance capacity, ensuring the timely resolution of disputes, and imposing stricter penalties for market abuses such as insider trading, fraud, and misreporting.

Opportunities in the Nigerian Capital Market



Capital Raising and Investment Opportunities

The **Nigerian capital market** offers various opportunities for businesses and individual investors alike. Companies seeking to expand or launch new ventures can access significant capital by listing their shares on the Nigerian Exchange or issuing bonds to raise funds. These financial instruments allow businesses to fund projects, enhance operations, and meet their capital needs.

Investors, on the other hand, have the potential to benefit from a range of opportunities, such as:

- **Dividends:** Investors who purchase shares of companies can receive a portion of the company's profits, typically distributed as dividends.
- **Capital Appreciation:** If the price of a stock rises over time, investors can sell their shares at a profit, benefiting from capital appreciation.
- **Bonus Shares:** Companies may issue additional shares to existing shareholders as a reward for their investment. This increases the number of shares owned, potentially enhancing their future value.

Beyond equities, the Nigerian capital market also offers opportunities in **bonds**, where investors can purchase debt securities issued by both companies and governments. Bonds often provide a steady income stream, as they offer fixed interest payments, and they can be an excellent option for those seeking lower-risk investments. Governments often use bond issuance to raise funds for public infrastructure projects, such as building roads, bridges, and schools, thus contributing to the overall development of the country.

Through these investment opportunities, the capital market plays a pivotal role in both facilitating the growth of businesses and offering a means for individual investors to diversify their portfolios and build wealth over time.

Information is Key to Investing in the Stock Market!

To make well-informed investment decisions, investors need to access reliable and accurate information from various sources, including:

- **Annual Reports:** Financial performance and corporate strategies of listed companies.
- **Market Reports:** Insights into current market conditions, industry trends, and trading volumes.
- **Investment Advisers:** Professional guidance from financial experts on portfolio management, risk assessment, and market trends.

Having access to comprehensive, up-to-date information is crucial for making prudent investment choices and ensuring long-term financial success.

Benefits in the Stock Market

Opportunities for Companies

- **Access to Capital:** Companies can raise capital at more competitive rates than from traditional financial institutions.
- **Increased Visibility:** By listing on the stock exchange, companies gain greater visibility, credibility, and public trust.

Benefits to the Economy

- Governments can raise funds through bonds to finance key infrastructure projects, contributing to national development and job creation.
- Active capital markets encourage business innovation and provide an environment for the efficient allocation of capital.

Benefits for Individuals

- **Wealth Creation:** Investors can earn returns through dividends, capital gains, and stock bonuses.
- **Career Opportunities:** The capital market offers diverse career paths, such as stockbroking, portfolio management, fund management, and financial analysis.



Risks in the Stock Market

While investing in the stock market offers the potential for significant returns, it also comes with various risks that can affect profitability:

Market Risk

- Market risk refers to the risk of price fluctuations across the entire market due to macroeconomic factors such as economic recessions, changes in interest rates, or global crises. This type of risk affects all securities in the market to some degree.

Industry Risk

- Industry risk occurs when companies within a specific sector are impacted by changes in government policies, technological innovations, or raw material availability. For example, changes in environmental regulations could affect the entire energy sector.

Regulatory Risk

- Regulatory risk arises when changes in laws or regulations negatively impact the operations of companies. For example, tightening environmental or tax regulations can affect profitability.

Business Risk

- Business risk refers to the likelihood of a company failing to meet its expected profits due to external factors like economic downturns or internal factors like management issues, operational inefficiencies, or high competition.

Protecting Yourself as an Investor

To safeguard your investments in the capital market, it is important to take proactive steps

1. **Open a CSCS Account**

Ensure you open a Central Securities Clearing System (CSCS) stock account with a registered stockbroker. The CSCS facilitates the dematerialization of shares and ensures the safe transfer of ownership in securities.

2. **Fund Your Account Properly**

Avoid cash transactions by funding your account through official banking channels to reduce the risk of fraud and ensure transparency in your investments.

3. **Stay Informed**

Regularly monitor your investments and track company performance. Ensure you are up to date with **dividends** and ensure they are credited to your bank account via the **e-Dividend system**. Regularly review performance reports from your stockbroker and through market analysis.

4. **Follow Updates on NGX**

The Nigerian Exchange Limited (NGX), in its bid to improve investors' confidence in the market, commenced a strong campaign against market infraction by its Trading License Holders by introducing a Trading License Holders' compliance report, BrokerTraX. With the BrokerTraX, investors can now make more informed decisions about where to invest by viewing names of Trading License Holder Firms that have been found liable for contravening market rules. The goal is to reduce contravention of market rules to its barest minimum in line with the deliberate and sustained effort to restore confidence. With NGX's zero-tolerance policy on regulatory infractions, there has been an increase in compliance by Trading License Holders.

Introduction to Securities

Securities are financial instruments that represent ownership or debt obligations, and they play a fundamental role in financial markets by enabling the movement of capital. There are various types of securities available, including **shares**, **debt securities**, **depository receipts**, **futures**, and **contracts for differences (CFDs)**. These instruments facilitate investment and trading them provides liquidity and capital for companies and governments. In Nigeria, the **Nigerian Exchange Group (NGX)** offers a marketplace for trading securities such as **ordinary shares**, **debentures**, **exchange-traded funds (ETFs)**, **bonds**, and other fixed-income instruments.

What is a Bond?

A **bond** is a type of **debt security** issued by governments, municipalities, or corporations to raise capital. It represents a promise to pay a fixed amount of interest periodically and to return the principal at maturity. Bonds are attractive to investors because they provide a stable, predictable income stream. Bonds can be sold in secondary markets, and their prices fluctuate based on interest rates and economic conditions.

Example: If an investor buys a 5-year bond with a 14% interest rate, the bond will pay semi-annual interest payments, and at the end of the five years, the principal (the face value of the bond) is returned to the investor. The bond can be traded in the market before maturity, and its price will fluctuate based on demand and prevailing interest rates.

Why Invest in Bonds?

Investors are drawn to bonds for several reasons, including:

- **Stable Income Stream:** Bonds provide fixed, periodic interest payments, offering predictable cash flow.
- **Principal Repayment:** At maturity, the full principal amount is repaid, offering a safe exit.
- **Diversification:** Bonds can balance the risk of a portfolio by adding low-risk, fixed-income assets.
- **Liquidity:** Bonds can be bought or sold in secondary markets, offering flexibility to investors.

How Bonds Work

When companies or governments need funds, they issue bonds, essentially borrowing money from investors. The bondholders lend their money in exchange for:

- **Interest Payments:** Regular payments made by the issuer at specified intervals, typically annually or semi-annually.
- **Repayment of Principal:** The issuer repays the face value (principal) of the bond at maturity.

Bondholders receive interest regardless of the issuer's profitability, making bonds an attractive choice for risk-averse investors. Bond prices can fluctuate based on market conditions, supply, and demand.

Bond Features

Bonds come with various features that can affect their risk and return profile. These features include:

Interest Type:

- **Fixed Interest:** The interest rate is constant throughout the bond's term.
- **Floating Interest:** The interest rate is linked to a benchmark, such as the LIBOR (London Interbank Offered Rate).
- **Indexed Interest:** The interest rate is tied to an inflation index or another economic measure.

Issuer Type:

- **Government Bonds:** Issued by national or local governments.
- **Corporate Bonds:** Issued by companies to finance operations or projects.

Risk Level:

- **Secured Bonds:** Backed by specific assets that provide collateral to bondholders in case of default.
- **Unsubordinated Bonds:** Not backed by assets but are senior in priority over unsecured bonds in the event of liquidation.

What is a Debenture?

A **debenture** is an unsecured debt instrument issued by corporations. Unlike bonds, debentures are not backed by collateral. Instead, they are based on the issuer's creditworthiness. Debenture holders receive interest at fixed intervals, regardless of the company's performance, and they are repaid the principal amount at maturity.

Example: If a company issues a debenture to raise capital, it promises to pay the investor interest regularly and repay the principal at the end of the debenture term. The company may also offer convertible debentures, which allow holders to convert their debentures into equity shares after a specified period.

Types of Debentures

Debentures come in various types based on features such as security, convertibility, and priority of repayment. These include:

1. Secured vs. Unsecured Debentures:

- **Secured Debentures:** Backed by the company's assets, providing bondholders with a claim on those assets in case of default.
- **Unsecured Debentures:** Not backed by collateral, making them riskier than secured debentures.

2. Registered vs. Bearer Debentures:

- **Registered Debentures:** These are recorded in the company's register, and ownership is transferred only through formal documentation.
- **Bearer Debentures:** Transferable by delivery, meaning ownership can be transferred simply by handing over the debenture certificate.

3. Convertible vs. Non-Convertible Debentures:

- **Convertible Debentures:** Can be converted into equity shares at a later date, offering the potential for capital appreciation.
- **Non-Convertible Debentures:** Cannot be converted into shares but are typically offered with a higher interest rate to compensate for the lack of conversion feature.

4. **First vs. Second Debentures:**

- **First Debentures:** These are repaid before other debentures in the event of liquidation.
- **Second Debentures:** These are repaid after the first debentures.

Depository Receipts and ETPs

1. **Depository Receipts (DRs):**

- A Depository Receipt (DR) is a negotiable certificate representing shares in a foreign company, allowing investors to trade foreign stocks on their local exchange. DRs enable investors to gain exposure to foreign companies without directly purchasing foreign shares.
- **Example:** A Nigerian investor can buy a DR representing shares of a U.S.-based company, enabling them to invest in the U.S. stock market without leaving their local market.

2. **Exchange-Traded Products (ETPs):**

- ETPs are securities that track the performance of an underlying asset, such as a commodity, index, or currency. They include Exchange-Traded Funds (ETFs) and Exchange-Traded Notes (ETNs).
- **Example:** An ETF may track the performance of a Nigerian stock index, offering investors exposure to the overall market performance rather than individual stocks.

ETFs, Market Price, and NAV

1. **Exchange-Traded Funds (ETFs):**

- ETFs are investment vehicles that trade on exchanges like stocks. They are designed to track specific indices, sectors, or assets, offering investors diversification without the need to purchase individual securities.
- **Example:** A Nigerian ETF tracking the Nigerian Stock Exchange (NSE) Index allows investors to gain exposure to a broad basket of Nigerian equities with a single investment.

2. **Market Price vs. NAV (Net Asset Value):**

- **Market Price:** The price at which an ETF trades on the stock exchange.
- **Net Asset Value (NAV):** The value of the ETF's underlying assets, calculated by dividing the total value of the assets by the number of outstanding shares.
- ETFs generally trade close to their NAV, providing liquidity and a transparent way to invest in a broad range of assets.

Benefits and Risks of ETFs

Benefits:

- **Diversified Investment:** ETFs offer exposure to a wide range of assets, minimizing risk through diversification.

- **Tradability:** ETFs are traded on exchanges, offering liquidity throughout the trading day.
- **Liquidity:** Market makers ensure ETFs are easy to buy and sell at any time.
- **Transparency:** ETFs typically track a specific index, ensuring transparency and minimizing surprises.

Risks:

- **Market Fluctuations:** ETF prices are susceptible to market conditions and can fluctuate based on underlying assets.
- **Interest Rate and Inflation Risk:** ETFs tracking interest-bearing assets can be affected by changes in interest rates.
- **Liquidity Risks:** Although ETFs generally offer high liquidity, in some cases, lower-volume ETFs can experience liquidity issues.



Real Estate Investment Trusts (REITs)

REITs are investment vehicles that pool funds from multiple investors to invest in income-producing real estate. Investors receive shares in the trust and share in the income generated from the trust's properties.

Benefits:

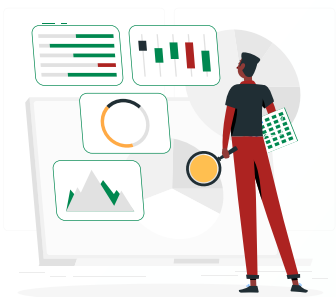
- **Diversification:** REITs provide access to real estate markets with small initial investments.
- **Liquidity:** Unlike direct real estate investments, REITs are publicly traded and offer liquidity.

Types of REITs:

- **Mortgage REITs:** Invest in mortgage-backed securities.
- **Equity REITs:** Invest in and manage physical real estate properties.
- **Hybrid REITs:** Combine mortgage and equity investments.

Financial Benefits of REITs

- **Liquidity:** REITs provide liquidity by being tradable on exchanges.
- **Diversification:** By investing in a range of properties, REITs offer diversification benefits.
- **Competitive Yield:** REITs often provide attractive returns, combining income and potential for long-term appreciation.



Instruments in the Nigerian Capital Market

The Nigerian capital market provides a variety of financial instruments through which companies and governments can raise funds, enabling economic growth and infrastructure development. These instruments cater to different types of investors and offer various ways of participation in the financial markets. The primary instruments available in the Nigerian capital market include equities (ordinary shares), debt instruments (bonds, debentures, and preference shares), and collective investment schemes (CIS).


Equities

Equities represent ownership in a company and provide investors with a share of the company's profits, typically through dividends and capital appreciation. The Daily Official List includes information about all the companies listed on the Nigerian Stock Exchange, categorizing them into **First-tier** and Second-tier companies, based on their market performance, financial strength, and listing requirements.

The equity markets play a crucial role in raising capital and fostering business growth. Companies need resources to expand, and they have two primary ways to acquire this capital: issuing shares or borrowing funds. By issuing shares, a company allows investors to contribute capital in exchange for ownership stakes, thus becoming part-owners of the business. Investors who purchase shares are entitled to participate in the company's potential profits through dividends and capital appreciation if the share price increases. Ordinary shares, also known as common stock or equity shares, grant the holder voting rights and represent units of ownership in the company. Shareholders are the true owners of the company and are entitled to the residual income after all expenses and liabilities are paid.

In addition to ordinary shares, companies may issue preference shares, which provide holders with preference over ordinary shareholders in two key aspects: dividend payments and repayment in the event of liquidation. Preference shares do not confer voting rights but offer a fixed dividend.

The rights of shareholders are crucial to their involvement in a company's operations. Shareholders generally have the right to attend and vote at general meetings, receive financial reports, share in the company's dividends, appoint and remove directors, and access corporate records. They also have the right to sue the corporation in the case of wrongful acts.



Public companies, unlike private ones, can offer shares to the public and list on stock exchanges. The process allows for greater access to capital and increased market visibility. Companies may also issue dividends to shareholders, which are profits paid out from the company' earnings, but regulations may restrict the type of profits that can be distributed to ensure that creditors are protected.

Scrip issues, also known as bonus issues, involve giving shareholders additional shares in proportion to their current holdings, with no new capital raised. This helps reduce the share price and increase liquidity. Similarly, rights issues allow existing shareholders the opportunity to buy additional shares in proportion to their current holdings, often to raise capital without diluting ownership too much.

Another important aspect of equity markets is the ability for companies to repurchase their own shares through share buybacks. This may be done to manage capital structure, increase earnings per share, or use excess cash flow. These transactions, commonly allowed on exchanges such as the Nigerian Stock Exchange (NGX), offer companies a way to boost shareholder value by reducing the number of outstanding shares.

First-tier Companies:

These are the top-tier companies that meet higher listing requirements. Typically, these companies are larger, more established, and have a stable financial track record. To qualify for this tier, companies must:

- Provide a 5-year financial statement showing consistent profitability and growth.
- Meet certain price and volume criteria to ensure liquidity and market depth.
- Provide sufficient public disclosures and adhere to corporate governance standards.

Second-tier Companies:

These companies are smaller in size compared to first-tier companies and are subject to less stringent listing requirements. They must:

- Provide a **3-year financial statement** showing profitability or potential for growth.
- Meet less rigid **price and volume requirements** than first-tier companies.

In addition to categorizing companies, the Daily Official List provides information on

- **Company Names:** The names of the companies whose securities are listed on the exchange.
- **Nominal Value:** The face value of each equity share, which may differ from the market price.
- **Market Price:** The price at which the company' shares are currently being traded on the exchange.
- **Dividends:** The distribution of profits to shareholders, usually expressed as a percentage of the nominal value of the stock.

- **Earnings Per Share (EPS):** A key financial indicator that measures the profitability of a company.

Price-to-Earnings (P/E) Ratio: A valuation ratio used to measure a company's stock price relative to its earnings per share, which helps investors assess the relative value of the stock.

The Derivatives Market in Nigerian Capital Markets

Introduction to the Derivatives Market

The derivatives market in Nigeria, as in other parts of the world, plays a crucial role in the global financial system, offering instruments that allow businesses to manage risk, speculate on future price movements, and enhance liquidity. Derivatives, such as futures and options, are financial contracts that derive their value from underlying assets such as stocks, bonds, commodities, and currencies. While many view these instruments as complex and speculative tools used by hedge funds and financial institutions, their true value lies in their ability to provide businesses with risk management tools. Despite the potential for significant losses, as seen in events such as the collapse of Barings Bank or the turmoil caused by Long-Term Capital Management, the derivatives market remains a vital component of financial markets, including Nigeria's, by enabling companies and investors to hedge against various risks and volatility in the market.

Forward Contracts and Futures

A **forward contract** is a customized financial agreement between two parties to exchange a specified quantity of an asset at a specified price on a future date. Unlike standardized futures contracts, forward contracts are privately negotiated and are typically traded over-the-counter (OTC), meaning they do not take place on an exchange.

A **futures contract**, on the other hand, is a standardized agreement traded on an exchange where two parties agree to exchange a specified quantity and quality of a financial asset or commodity at a predetermined date and price. Futures contracts are legally binding and require both parties to fulfill the terms of the agreement. The terms of futures contracts, including the price, quantity, and settlement dates, are standardized by the exchange, which ensures a more structured and transparent market.

Futures Market Participants

The Nigerian derivatives market, like others globally, consists of several key participants:

1. **Hedgers:** These participants use derivatives to reduce or eliminate the risk associated with adverse price movements in the underlying asset. For example, Nigerian farmers may use futures contracts to lock in prices for their crops before harvest to ensure they can cover operational costs.
2. **Speculators:** Speculators aim to profit from price movements in the futures market. They do not have an underlying interest in the asset but are willing to take on risk in the hope of capitalizing on price fluctuations.
3. **Arbitrageurs:** These participants look for price differences between markets or products. They simultaneously buy and sell the same asset in different markets to profit from price discrepancies. In the context of the Nigerian market, arbitrage opportunities might arise between different exchanges or between futures and spot markets.

Options

An **option** is another common derivative that provides the buyer with the right, but not the obligation, to buy or sell a specified asset at a set price on or before a given expiration date. In Nigeria's emerging derivatives market, options provide valuable flexibility to investors and companies looking to hedge or speculate. A buyer of an option pays a premium for this right, while the seller of the option assumes the risk that the buyer may choose to exercise the option.

Exchange-Traded Contracts and Liquidity

Liquidity in the derivatives market refers to the ability to buy or sell an asset quickly without significantly affecting its price. In the Nigerian derivatives market, exchange-traded derivatives offer higher liquidity compared to OTC contracts, as standardized products are easier to trade on exchanges like the Nigerian Stock Exchange (NGX) or other authorized platforms. A trader must ensure that the market they are involved in provides sufficient liquidity for their trades to be executed efficiently.

OTC vs Exchange-Traded Products

The difference between Over-the-Counter (OTC) and exchange-traded derivatives is significant. OTC derivatives are privately negotiated and can be tailored to the needs of the participants, but they often lack the transparency and liquidity that exchange-traded products provide. While exchange-traded derivatives offer standardization and regulatory oversight, they may limit the flexibility needed by some market participants.

Margin and Gearing

Margin is a key concept in the derivatives market. It represents the collateral required to open and maintain positions in futures and options contracts. The use of margin allows traders to leverage their positions, meaning they can control a larger position with a smaller initial investment. In the Nigerian market, margin requirements are set by the exchange and vary depending on the volatility of the underlying asset.

There are two types of margin in derivatives trading:

- **Initial Margin:** The initial amount required to open a position, calculated by the clearinghouse and designed to cover potential daily price fluctuations.
- **Variation Margin:** This margin is adjusted daily based on the price movement of the underlying asset. Traders must maintain sufficient funds in their margin accounts to cover these fluctuations.

Marking to Market

The process of **marking to market** is vital for ensuring that futures contracts remain financially viable throughout their life. At the close of each trading day, all open contracts are revalued based on the closing price, and variation margin adjustments are made to reflect any gains or losses. This process helps maintain the integrity of the market by ensuring that all parties involved in a contract can meet their obligations.


The derivatives market plays a pivotal role in capital markets by offering tools for risk management, speculation, and price discovery. Futures and options are becoming increasingly relevant for businesses and investors in Nigeria, providing the flexibility to hedge against risks and take advantage of market opportunities. While the market does involve risks, it remains an essential component of financial systems worldwide, contributing to the stability and liquidity of financial markets.

Debt Instruments

Debt instruments allow companies and governments to raise capital by borrowing funds, without diluting ownership. These instruments are attractive to investors seeking fixed returns and lower risks. Debt instruments typically pay periodic interest payments (coupons) and promise the repayment of the principal amount at maturity.

Types of Debt Instruments:

- **Corporate Bonds (Debentures):** Corporate bonds, also known as debentures, are debt securities issued by companies to raise funds for various purposes, such as expanding operations, funding capital projects, or refinancing existing debt. Corporate bonds are



issued with fixed interest rates and maturity dates, providing investors with a predictable return over time. Bondholders, unlike shareholders, are not part-owners of the company but are creditors with a priority claim over equity holders in case of liquidation.

- **Government Bonds:** Issued by the federal and state governments to raise funds for national or regional development projects, such as infrastructure, education, and healthcare. Government bonds are considered low-risk investments due to the government's ability to tax and print money.
- **Preference Shares:** Preference shares are hybrid instruments with characteristics of both equity and debt. They provide a fixed dividend, typically paid before dividends are distributed to common shareholders. Preference shareholders have a higher claim on the company's assets than common shareholders in the event of liquidation, but they do not have voting rights in the company. Preference shares can be either cumulative, where unpaid dividends accumulate, or non-cumulative, where dividends are not paid out if missed.

Benefits of Debt Instruments:

- **Stable Returns:** Investors in debt instruments receive fixed periodic interest payments, providing a predictable income stream.
- **Lower Risk:** Debt instruments are generally considered less risky than equities because they are backed by the issuing company's or government's promise to repay the principal.
- **Capital Preservation:** Unlike equities, which may fluctuate in value, debt instruments promise the return of the principal amount at maturity, making them more appealing to conservative investors.

Collective Investment Schemes (CIS)

Collective Investment Schemes (CIS) allow multiple investors to pool their funds together, which are then managed professionally. In the Nigerian capital market, these schemes are often referred to as mutual funds or unit trusts. The pooled resources are invested in a diversified portfolio, which may include equities, bonds, or other securities.

Types of CIS:

- **Equity Funds:** These funds primarily invest in stocks and equities, aiming to provide long-term capital appreciation.
- **Bond Funds:** These funds invest in government and corporate bonds, focusing on providing regular income through interest payments while preserving capital.
- **Balanced Funds:** These funds invest in a mix of both stocks and bonds, offering a balance between capital growth and income.
- **Money Market Funds:** These funds invest in short-term, low-risk debt instruments, providing safety of principal and a stable, albeit lower, return.

Benefits of Collective Investment Schemes:

- **Diversification:** By pooling funds from various investors, CIS offers a diversified portfolio that spreads risk across different asset classes and sectors. This helps reduce the impact of individual asset volatility.
- **Professional Management:** CIS are managed by professional fund managers who have the expertise to make investment decisions on behalf of investors, reducing the need for individual investors to research and select securities themselves.
- **Lower Transaction Costs:** Due to the economies of scale, CIS can achieve lower transaction costs than individual investors trading independently. These lower costs are beneficial for both the fund and its investors.
- **Accessibility:** CIS provide an easy entry point for smaller investors who may not have the capital or knowledge to directly invest in a diversified portfolio. Investors can start with smaller amounts and gain exposure to a variety of assets.


Daily Official List

The **Daily Official List (DOL)** is an essential document that provides comprehensive and up-to-date information about all the securities listed on the **Nigerian Stock Exchange (NGX)**. It is an important tool for investors, analysts, and market participants, as it helps track the performance, status, and essential details of different financial instruments traded in the market. The DOL is updated on a daily basis, ensuring that the most recent data about securities is made available to the public. Securities in the list are categorised into several segments to facilitate easy access to relevant information. These segments include government stocks, state government bonds, industrial loans, preference stocks, and equities.

Government Stocks

Government stocks represent debt instruments issued by the federal government of Nigeria. These include sovereign bonds and other government-issued securities aimed at raising capital for national development and infrastructural projects. The Daily Official List provides investors with detailed information about each government bond, including the following key details:

- **Coupon Rate:** The fixed or variable interest rate paid to the bondholder.
- **Maturity Period:** The length of time until the bond matures and the principal amount is repaid to the bondholder.
- **Nominal Value:** The face value or the initial amount the bondholder will receive at maturity.
- **Issue Date and Redemption Details:** Information about when the bonds were issued and the conditions for redemption.



These bonds are considered low-risk, as they are backed by the full faith and credit of the government. They are ideal for conservative investors looking for a steady stream of income and capital preservation.

State Government Bonds

State Government Bonds are issued by state governments in Nigeria to raise funds for regional development, infrastructure, and other public projects. These bonds are similar to government stocks but are issued by individual states rather than the federal government. The Daily Official List provides investors with the following information about these bonds:

- **Coupon Rate:** The rate at which interest is paid to bondholders.
- **Maturity Period:** The period after which the bond will mature and the principal will be returned.
- **Nominal Value:** The face value of the bond, which is used to calculate the coupon payments and the redemption amount.

While these bonds may carry slightly higher risks than federal government bonds, they are still relatively safe investments and offer state governments a means to finance important projects and obligations.

Industrial Loans

Industrial Loans represent debt instruments issued by corporations or industrial companies to finance their operations, expansion, or capital expenditures. These loans are similar to bonds but are typically issued by private or publicly-listed companies in the industrial sector. The details provided in the Daily Official List for industrial loans include:

- **Coupon Rate:** The interest rate at which the issuer will pay periodic interest to bondholders.
- **Maturity Period:** The length of time until the bond or loan matures and the principal is repaid.
- **Nominal Value:** The initial amount that will be repaid to the bondholder upon maturity.

Industrial loans are often considered riskier than government-issued bonds, as their repayment depends on the financial health of the issuing company. However, they may offer higher returns to compensate for the additional risk.

Preference Stocks

Preference Stocks (or Preference Shares) are a hybrid security that shares characteristics of both equities and debt instruments. These stocks are typically interest-bearing, providing fixed or variable dividend payments to shareholders. They do not have a maturity period and are often classified as irredeemable in some cases, meaning they cannot be repurchased by the company at a predetermined time. Preference stocks are considered to have a lower risk than common equities but offer less potential for capital appreciation. Information in the Daily Official List about preference stocks includes:

- **Dividend Rate:** The fixed or variable dividend paid to the shareholder, which takes priority over dividends for common shareholders.
- **Nominal Value:** The face value of the preference stock.
- **Callable or Convertible Features:** Some preference stocks may be convertible into common equity or callable by the company under specific terms.

These stocks are an attractive option for income-focused investors who prioritize stable returns over capital growth.

Shares and Market Basics

This chapter introduces the fundamental concepts of shares, how they work in the capital market, and the benefits and rights that shareholders enjoy. Understanding shares is key to making informed investment decisions and navigating the capital market effectively.

What is a Share?

A share represents part ownership in a company. By purchasing shares, an investor acquires a stake in the company's operations, growth, and profits. Essentially, owning shares means that the investor is a partial owner of the company and is entitled to certain benefits. These include the potential to receive **dividends** (a portion of the company's profits) and the opportunity for **capital appreciation** (an increase in the value of the shares as the company grows and performs well in the market).

Shares are typically bought and sold on stock exchanges, and their value fluctuates based on a variety of factors, such as company performance, market conditions, and investor sentiment. The value of the shares is often expressed as the market price (the price at which shares are being bought and sold in the market at any given time).

How Shares Work

When a company decides to go public, it offers shares to the public through a process called an **Initial Public Offering (IPO)**. This means that the company issues new shares, which are sold to investors. The capital raised from the sale of these shares is used by the company to fund its operations, pay off debts, expand its business, and invest in new projects. This is known as **equity capital**.

For investors, purchasing shares provides them with the opportunity to share in the company's **profits** through dividends, as well as the potential for **capital gains**—profits realized from selling shares at a higher price than the purchase price. However, investors must also be aware that investing in shares carries the risk that the share price may decrease or even fall to zero in extreme cases, such as bankruptcy or business failure.

In addition to these financial returns, investors can influence the management of the company through **voting rights**, depending on the type of shares they own. Shareholders typically have the right to vote on important company decisions, such as the election of directors, mergers, and acquisitions.

Types of Shares

There are two main types of shares issued by companies: ordinary shares and preference shares. Each type has distinct features and rights

Ordinary Shares (Common Stock):

These are the most common type of shares issued by companies.

- **Voting Rights:** Ordinary shareholders are entitled to vote at annual general meetings (AGMs) and have a say in major company decisions, such as electing the board of directors.
- **Dividends:** While ordinary shareholders can receive dividends, the amount may vary based on the company's performance and profitability. The dividend is not guaranteed.
- **Capital Appreciation:** Ordinary shares provide the potential for capital gains if the share price appreciates over time.
- **Risk:** Ordinary shareholders are last in line to receive any payments if the company goes bankrupt. They may not recover their investments if the company is liquidated.

Preference Shares

Preference shares are considered a hybrid between debt and equity.

- **Fixed Dividends:** Preference shareholders are entitled to receive fixed dividends. These dividends are paid before any dividends are distributed to ordinary shareholders.
- **No Voting Rights:** Preference shareholders generally do not have voting rights at AGMs, unlike ordinary shareholders.
- **Priority in Liquidation:** In the event of the company's liquidation or bankruptcy, preference shareholders are paid before ordinary shareholders, but after debt holders.
- **Convertible:** Some preference shares are convertible, meaning they can be converted into ordinary shares after a certain period, providing an opportunity for the shareholder to become a partial owner with voting rights.

Shareholder Rights and Benefits

Shareholders enjoy a range of rights and benefits that come with owning shares. These rights are typically determined by the type of shares held and the company's Articles of Association. Below are some of the key rights and benefits:

Right to Vote:

- Shareholders with ordinary shares typically have the right to vote at company meetings. This can include voting on the election of directors, approving major changes in the company, and other significant decisions.

Right to Receive Dividends:

- Shareholders are entitled to receive dividends from the company, as declared by the board of directors. Dividends are typically paid out of the company's profits and are distributed based on the number of shares owned by the investor.
- **Dividend Payment Methods:** Dividends can be paid in cash, additional shares (stock dividends), or other forms as decided by the board.

Right to Attend Annual General Meetings (AGMs):

- Shareholders can attend the company's AGMs, where they can discuss the company's performance, ask questions, and make suggestions. AGMs provide a platform for shareholders to engage directly with the company's management and make their voices heard.

Right to Transfer Ownership:

- Shares are transferable, meaning shareholders can sell or transfer their shares to other investors. This is a key advantage of investing in publicly traded companies, as it provides liquidity and flexibility.

Right to Information:

- Shareholders have the right to receive financial reports and other important information from the company, such as the annual report, quarterly results, and prospectuses for new share offerings. This ensures that shareholders are well-informed about the company's financial health and business operations.

Risk of Capital Loss:

- Shareholders must be aware that the value of their shares can fluctuate based on company performance, market conditions, and other factors. While the goal is to make a profit through dividends and capital appreciation, the value of shares can also decline, leading to potential losses.
- In the case of company liquidation, shareholders may lose the value of their shares if the company's liabilities exceed its assets.



Stock Exchange and Equity Trading

Issuing and Trading Shares

Stock Exchanges and Equity Trading in the Nigerian Capital Market

This chapter delves into the operations of stock exchanges, stock market indices, and their mechanisms in the Nigerian Capital Markets. The chapter also covers the essential elements involved in investing and dealing in listed companies, emphasizing both theoretical concepts and practical knowledge. The key topics discussed include:

- Issuing and trading shares
- Floating a company
- Main and second-tier markets
- Order-driven and quote-driven markets
- The features of dealing
- Stock exchange indices
- Major stock exchanges

Issuing and Trading Shares

A stock exchange serves two primary functions in the market:

- **Primary Market:** This provides a mechanism for companies and governments to raise capital through new securities issuance. Transactions such as new listings, rights issues, and companies buying back their shares fall within the primary market.
- **Secondary Market:** This platform allows investors to buy and sell existing securities. The secondary market influences market liquidity, share prices, and market capitalization, impacting the overall flow of money within the market.

Primary Market

The process of bringing a company's shares to the market for the first time is known as **flotation** or an **Initial Public Offering (IPO)**. The company seeks to raise capital by selling shares to the public. The flotation may involve:

- **Applying for a listing** on the primary market of the Nigerian Stock Exchange (NGX), which is the exchange that provides a platform for the trading of securities in Nigeria.
- Meeting certain qualifications, such as company size, the availability of a minimum number of shares to the public, and a track record of profitability.

Stock Exchange and Equity Trading

To qualify for a full listing, companies must meet specific criteria, such as:

- Satisfying minimum capital requirements
- Issuing a specified percentage of shares to the public
- Operating profitably for a certain number of years
- Ensuring that shares do not have unusual voting rights
- Adhering to corporate governance principles, such as independent board members and an audit committee

Prospectus: A company must provide a prospectus, a formal document detailing the investment offering. It includes:

- The company's financial history, including audited accounts
- The business activities of the company
- Details of the shares being offered
- The reason for the issue

Floating a Company

Floating a company is the process where it moves from private ownership to public ownership. This process can be done for various reasons, such as:

- To raise capital for expansion or development
- To privatize a government-owned enterprise by selling shares to the public
- To allow existing owners to liquidate some of their shares
- To demerge parts of the company into separate entities

When floating a company, decisions are made regarding which exchange to list on, the size and method of flotation, and the price of shares. The process usually involves the guidance of an investment bank that assists in preparing the listing documents and managing the sale of shares.

Main and Second-tier Markets

In addition to the main market, stock exchanges often feature a second-tier or junior market. This market serves smaller companies that are unable to meet the listing requirements of the main market but still wish to raise capital from the public.

The NGX operates with both a **Main Market** for large companies and a **Growth Board** for emerging businesses. Companies on the Growth Board must still meet a minimum set of criteria, though these are less demanding than those for the Main Market.

Order-driven and Quote-driven Markets

The secondary market operates under two primary structures:

- **Order-driven Market:** In this type of market, buy and sell orders are matched based on price and time. Brokers play a critical role by acting as agents for both buyers and sellers. The prices at which transactions are executed are driven by the highest price a buyer is willing to pay and the lowest price a seller is willing to accept.
- **Quote-driven Market:** In a quote-driven market, market makers (dealers) facilitate trading by quoting prices for both buying and selling. These dealers make a profit through the bid-offer spread and ensure liquidity by always being ready to buy and sell at quoted prices.

Stock Exchange Indices

Indices track the performance of groups of stocks, providing insight into the overall market's movements. The Nigerian Exchange Group (NGX) offers a comprehensive suite of sector-specific indices designed to provide investors with insights into various segments of the Nigerian capital market. These indices serve as benchmarks for sector performance and assist in investment decision-making. Below is an overview of the key sector indices:

- **NGX Banking Index:** This index tracks the performance of listed banks on the NGX, encompassing banks that provide a range of financial services, including retail, corporate, and investment banking.
- **NGX Consumer Goods Index:** Focusing on companies that produce and distribute consumer products, this index reflects the performance of firms in the fast-moving consumer goods (FMCG) sector.
- **NGX Industrial Index:** This index measures the performance of companies involved in industrial activities, including manufacturing, construction, and building materials.
- **NGX Insurance Index:** Capturing the performance of listed insurance companies, this index provides insights into the Nigerian insurance sector, including life and non-life insurers.
- **NGX Oil and Gas:** Index This index tracks companies engaged in the exploration, production, and distribution of oil and gas, reflecting the performance of the energy sector.
- **NGX Pension Index:** Designed to measure the performance of pension fund assets invested in the Nigerian equity market, this index aids pension fund managers in assessing investment returns.
- **NGX ASeM Index:** The Alternative Securities Market (ASeM) Index tracks the performance of companies listed on NGX's ASeM board, which is tailored for small and medium-sized enterprises (SMEs) seeking capital growth.
- **NGX Growth Board:** Index This index monitors the performance of companies listed on the Growth Board, a platform for emerging businesses with high growth potential.

- **NGX 30 Index:** A capitalization-weighted index that tracks the performance of the 30 largest and most liquid companies listed on the NGX, providing a snapshot of the broader market.
- **NGX 50 Index:** This index includes the top 50 companies based on liquidity and market capitalization, offering a broader view of the market's performance.
- **NGX Lotus Islamic Index:** Reflecting the performance of Sharia-compliant companies, this index caters to investors seeking ethical investment opportunities.
- **NGX Corporate Governance Index (CGI):** This index highlights companies with high corporate governance standards, promoting transparency and accountability in the market.
- **NGX Afrinvest Bank Value Index:** Developed in collaboration with Afrinvest, this index focuses on banks that are undervalued relative to their fundamentals, providing investment opportunities based on value investing principles.
- **NGX Afrinvest Dividend Yield Index:** Also in partnership with Afrinvest, this index identifies banks with high dividend yields, appealing to income-focused investors.
- **NGX Meristem Growth Index:** This index, created with Meristem Securities, targets companies with strong growth prospects, assisting investors seeking growth-oriented investments.
- **NGX Meristem Value Index:** In collaboration with Meristem, this index focuses on companies that are undervalued, offering potential value investment opportunities.
- **NGX Sovereign Bond Index:** This index tracks the performance of Nigerian sovereign bonds, providing insights into the fixed income market.
- **NGX Commodity Index:** Focusing on the performance of commodity-related companies, this index offers exposure to the agricultural and natural resources sectors.

These indices are essential tools for investors seeking targeted exposure to specific sectors of the Nigerian economy. They facilitate sector-based analysis and support the development of sector-focused investment products. These indices serve multiple functions:

- They act as a performance benchmark for investors and fund managers.
- They offer a gauge of the broader market sentiment and economic health.
- They are used for derivative products such as futures and options.

Indices are usually calculated based on the market capitalization of the companies in the index, which means that larger companies have more influence on the index' movements.

Types of Market Orders

When engaging in equity trading, two types of orders are typically used:

1. **Market Orders:** These orders are executed at the best available price in the market at the time of the transaction. They have the highest priority and are immediately executed
2. **Limit Orders:** These orders specify the maximum price a buyer is willing to pay or the minimum price a seller is willing to accept. Limit orders can be filled partially, and they remain in the system until matched with an opposite order

Transaction Costs

Transaction costs are the fees associated with buying and selling securities. The NGX imposes several fees on transactions, such as:

- **Broker's Commission**
- **Stamp Duty**
- **Central Securities Depository (CSD) Levy**
- **Securities and Exchange Commission (SEC) Levy**
- **Investor Protection Levy**

These fees help ensure the smooth operation of the exchange and the protection of investors' interests.

Market Liquidity and Trading Hours

The NGX facilitates efficient trading through an automated system called the **Automated Trading System (ATS)**, which ensures high transparency and speedy execution of trades. The market operates from **9:00 AM to 3:00 PM** daily, except on weekends and public holidays, offering investors ample time to engage in buying and selling.

Stock exchanges and equity trading are fundamental to the functioning of capital markets, playing a crucial role in capital formation and economic development. The Nigerian Stock Exchange (NGX) provides a well-structured platform for companies to raise capital and for investors to engage in the buying and selling of securities. Understanding the processes involved in issuing shares, trading, and the features of the market indices is essential for anyone looking to participate in the capital markets. The structure and mechanisms of the NGX ensure that investments are transparent, liquid, and efficient, allowing for growth and profitability for both companies and investors.

Methods of Issuing Shares

There are several methods of issuing shares in the capital markets, each catering to the specific needs of the company and the nature of the offering:

- **Placement:** A securities firm or investment bank sells the shares directly to a select group of clients, typically institutional investors. This method is known as a private placement and is often used when a company wants to raise funds discreetly without a public offering.
- **Syndicated Issue:** In this case, a securities firm or investment bank arranges a syndicate of banks, with each member of the syndicate taking a portion of the issue and selling the shares to their own clients. This approach is typically used for large-scale offerings where the distribution needs to be widespread and managed by multiple parties.

- **Public Issue:** A public issue involves offering securities to the general public through an open subscription process. This method provides an opportunity for retail investors to participate in the company's growth by purchasing shares, thereby increasing the company's shareholder base.

Listing Particulars or Prospectus

Before a company can issue shares to the public, it is required to prepare and make public a document known as the listing particulars or prospectus. This document outlines key details about the company, including its financial performance, business strategy, risks, and the terms of the offering. In Nigeria, as in many other jurisdictions, the preparation of this document is a legal requirement to ensure transparency and protect potential investors.

The Secondary Market

The secondary market is where securities are bought and sold after they have been initially issued in the primary market. The market is structured in two basic ways:

- **Order-driven Market:** In an order-driven market, prices are determined by buy and sell orders from participants, where the price is driven by supply and demand.
- **Quote-driven Market:** In a quote-driven market, market makers provide bid and ask prices for securities and are responsible for executing buy and sell transactions at those prices.

Participants in the secondary market include:

- **Brokers:** Brokers are intermediaries who facilitate the buying and selling of securities on behalf of investors. They typically charge a commission for their services.
- **Dealers (Jobbers):** Dealers, also known as jobbers, are market participants who buy and sell securities on their own account. They help provide liquidity to the market by acting as counterparties in transactions.
- **Market Makers:** Market makers are institutions or individuals that quote both buy and sell prices for securities, providing liquidity and ensuring that there is always a market for a particular security.
- **Investors:** Investors are individuals or institutions who buy and sell securities in the secondary market. They typically engage in the market through brokers.

Why and How to Invest

Investing is a critical component of building wealth and achieving long-term financial freedom. It offers individuals the opportunity to grow their money, secure their future, and create financial independence. This chapter delves into why investing is essential and the strategies that can be employed to maximize returns and manage risks.

Why to Invest

Investing is essential for individuals who wish to meet long-term financial goals and secure their future. The process of putting money into financial assets allows individuals to not only protect their wealth from inflation but also grow it significantly. Below are the two primary goals of investing:

1. Capital Growth (Appreciation):

- One of the primary reasons to invest is to grow your capital over time. Investments, such as stocks, bonds, and mutual funds, can increase in value, providing investors with the potential for higher returns. Over time, the value of assets can appreciate due to the company's growth, positive economic conditions, or overall market trends.
- Example: Investing in shares of a growing tech company can result in capital appreciation as the company's revenue and stock price increase.

2. Income Generation:

- Another reason for investing is to generate a regular income stream. Certain investments, such as dividend-paying stocks, bonds, or real estate, can provide ongoing income. Dividends are usually paid out regularly (quarterly, annually) to shareholders from a company's profits, while bonds provide interest payments at fixed intervals. This steady income stream is often used to supplement an individual's salary or to fund their retirement.
- Example: Bonds can provide a fixed interest income, while rental properties can generate monthly rental income for the investor.

Both capital growth and income generation are crucial for meeting various financial goals such as funding a comfortable retirement, buying a home, or saving for future educational expenses.

How to Invest

Investing involves buying assets that are expected to grow in value or generate income. There are several ways to approach investing, each of which carries its own set of risks and rewards. Below are the common ways individuals can invest and the steps to take:

1. Buying Shares in the Primary Market (IPO):

- An Initial Public Offering (IPO) is when a company first sells its shares to the public in the primary market. By purchasing shares during an IPO, investors become partial owners of the company.
- The decision to invest in an IPO should be based on careful analysis of the company's financial health, growth prospects, and the overall market conditions. IPOs can be an exciting opportunity, but they also carry risks, particularly in terms of price volatility and market conditions.
- **Example:** If a successful tech startup decides to go public, investors can buy shares during the IPO to become part owners and potentially benefit from the company's growth in the long run.

Purchasing Shares in the Secondary Market:

- Once shares are issued in the primary market, they are traded in the **secondary market** (such as stock exchanges). Investors can buy and sell shares here based on market conditions and their investment objectives.
- The secondary market provides liquidity, allowing investors to buy and sell shares at prevailing market prices. Investing in the secondary market requires careful monitoring of market trends, stock prices, and individual company performance.
- **Example:** An investor may decide to buy shares of a well-established company like Apple or Coca-Cola in the secondary market after conducting research on their performance and growth prospects.

Diversification:

- Diversification is one of the key principles of investing. It involves spreading your investments across various assets (such as stocks, bonds, real estate, and mutual funds) to reduce risk. By diversifying, an investor reduces the impact of poor performance in any single asset or market segment.
- **Example:** An investor might spread their money across different sectors (e.g., technology, healthcare, and finance) and investment types (e.g., stocks, bonds, and real estate) to avoid putting all their money into one asset class.

Risk Tolerance and Investment Strategy:

- It is essential for investors to assess their **risk tolerance** before deciding on an investment strategy. Risk tolerance refers to the level of risk an investor is willing to take on in exchange for potential returns. Some investors may have a high tolerance for risk and may be comfortable investing in stocks or speculative assets, while others may prefer safer investments, such as bonds or savings accounts.
- **Risk Management:** To manage risk, investors should balance high-risk investments (such as growth stocks) with low-risk investments (such as bonds or dividend-paying stocks). This helps in reducing volatility in the portfolio while still having opportunities for growth.

- **Example:** An investor with a higher risk tolerance may allocate a larger portion of their portfolio to stocks with high growth potential, while a more conservative investor might focus on stable, income-generating investments like bonds and dividend stocks.
- **Regular Monitoring and Rebalancing:**
 - Once you have made investments, it is important to **monitor** them regularly to assess performance and make adjustments as needed. This includes keeping track of company earnings reports, market trends, and any changes in economic conditions.
 - Rebalancing involves periodically adjusting the portfolio by buying or selling assets to maintain the desired asset allocation. Rebalancing helps to ensure the portfolio aligns with your financial goals, especially as market conditions change.
 - **Example:** If the stock market has been performing well and a portfolio's stock allocation increases beyond the desired target, an investor might sell some stocks and invest in bonds to maintain a balanced portfolio.
- **Investing in Mutual Funds or Exchange-Traded Funds (ETFs):**
 - Mutual funds and ETFs are pooled investment vehicles that allow investors to diversify their holdings without having to buy individual assets. These funds are managed by professionals who select and manage the investments based on the fund's objectives.
 - **Example:** An investor might choose to invest in a **technology-focused ETF**, which includes a range of technology stocks, providing exposure to the sector while reducing the risk associated with investing in a single company.
- **Investing in Real Estate:**
 - Real estate can be a good long-term investment option for those looking for capital appreciation and income generation. Investors can either buy physical property to rent out or invest in **real estate investment trusts (REITs)**, which allow them to pool money with other investors to purchase commercial or residential properties.
 - **Example:** A person looking to generate passive income might purchase a rental property and earn rental income, or they might invest in a REIT to gain exposure to real estate markets without the need to manage physical properties.



The Role of Stockbrokers

A **stockbroker** is an essential intermediary in the capital markets who acts as a bridge between investors and the stock exchange. Stockbrokers facilitate the buying and selling of securities such as stocks, bonds, and other financial instruments, ensuring that transactions are conducted in a secure and regulated environment. Their primary role is to execute buy and sell orders on behalf of investors, thereby providing an efficient and organized way for individuals and institutions to invest in the market.

Why You Need a Stockbroker

- Stockbrokers are licensed professionals authorized by the **Nigerian Stock Exchange (NGX)** or any other relevant regulatory body, depending on the country. Their role is crucial in facilitating smooth transactions and ensuring that investors adhere to the market's regulations. Below are several reasons why investors need stockbrokers:

Expertise and Advice:

- Stockbrokers are trained professionals with in-depth knowledge of the capital markets. They can offer expert advice to investors on which securities to buy or sell, based on their financial goals, risk tolerance, and market conditions.
- They help investors navigate complex market situations, making informed decisions that are aligned with their financial objectives.
- **Example:** An investor seeking to diversify their portfolio can consult a stockbroker for advice on which sectors or companies offer the best growth prospects based on current market trends.

Execution of Trades:

- One of the core functions of a stockbroker is to execute buy and sell orders on behalf of clients. Once an investor has decided on which securities to purchase or sell, they communicate their decision to the broker, who then places the order in the market.
- This ensures that trades are executed promptly and accurately, with the broker managing the transaction process from start to finish, including the settlement of trades through the Central Securities Clearing System (CSCS).
- **Example:** If an investor wants to buy shares of a company listed on the Nigerian Stock Exchange, they would contact their stockbroker, who would place the order and execute the trade for them.

Access to Market Information:

- Stockbrokers provide valuable market information to clients, including the latest news, trends, and analysis, helping investors make informed decisions.
- They also provide access to real-time price data, market reports, and financial news that impact stock prices and investment strategies.

- Example: A stockbroker might alert an investor to a significant corporate announcement or government policy change that could affect the stock price of a company in which they have an interest.

Transaction Details and Record Keeping:

- Stockbrokers provide clients with regular transaction reports, detailing all the trades executed, the number of shares bought or sold, and the price at which the transactions occurred. These records are essential for tax purposes and help investors track the performance of their investments.
- They also assist in providing statements that show the overall portfolio performance, dividends received, and capital gains.
- **Example:** After executing a trade, a stockbroker will provide an investor with a detailed statement showing the exact cost of the purchase, including commissions, and the number of shares bought.

Regulated Environment:

- Stockbrokers operate within a regulated framework that ensures transparency, fairness, and safety for all parties involved. The stock exchange, in collaboration with regulatory bodies such as the Securities and Exchange Commission (SEC), sets rules and regulations that stockbrokers must follow.
- These regulations help protect investors from fraud and market manipulation, providing a secure environment for transactions.
- **Example:** If an investor suspects that a trade was not executed fairly, they can rely on the regulatory oversight of the Nigerian Stock Exchange and the SEC to investigate and resolve the issue.

Functions and Responsibilities of Stockbrokers

In addition to executing buy and sell orders, stockbrokers also perform other key functions, such as:

Advisory Services:

- Stockbrokers offer investment advisory services based on their expertise and knowledge of the market. These advisory services can cover various aspects, including the selection of securities, timing of purchases and sales, and portfolio diversification.
- They assess an investor's financial goals and risk tolerance before recommending investment strategies.
- **Example:** A stockbroker might suggest a balanced portfolio for an investor with a moderate risk tolerance, including a mix of growth stocks and dividend-paying stocks.

Margin Trading:

- Many stockbrokers offer margin accounts, allowing investors to borrow money from the broker to purchase additional shares. This can increase an investor's buying power and potential returns.

- However, margin trading comes with significant risks, as it amplifies both gains and losses. Stockbrokers are responsible for ensuring clients understand the risks involved in margin trading.
- **Example:** An investor may wish to purchase more shares than they can afford, and a stockbroker can offer a margin loan, allowing the investor to leverage additional capital

Handling Corporate Actions:

- Stockbrokers also manage corporate actions such as stock splits, rights issues, and dividend payments. They ensure that shareholders are informed about these actions and assist in executing them.
- For example, if a company offers a **rights** issue to its existing shareholders, the stockbroker will notify the investor and handle the process of purchasing additional shares in proportion to the investor's current holdings.
- **Example:** If a company declares a dividend, the stockbroker ensures the payment is received and transferred to the investor's account, along with the relevant tax information.

Execution of Complex Orders:

- Stockbrokers assist with executing more complex orders, such as **stop-loss orders**, **limit orders**, and **short selling**. These orders require advanced knowledge of the market and the mechanics of trading.
- For example, a stockbroker may execute a stop-loss order to protect an investor from excessive losses by automatically selling a stock when its price falls below a certain threshold.

Choosing a Stockbroker

Selecting the right stockbroker is crucial to ensuring a smooth and profitable investing experience. Here are some factors to consider:

Licensing and Regulation:

- Ensure that the stockbroker is registered with the Nigerian Stock Exchange (NGX) and regulated by the Securities and Exchange Commission (SEC). This guarantees that the stockbroker adheres to industry standards and regulatory requirements.

Fees and Commissions:

- Different stockbrokers charge varying fees and commissions for their services. Compare these charges and consider how they may impact your investment returns. Some stockbrokers may offer lower commissions, while others may provide additional services or research reports at a higher cost.



The Role of the Stock Market in Share Trading

The **stock market** plays a crucial role in facilitating the buying and selling of shares. It provides an **exchange platform** where investors can trade shares, enabling them to realize capital gains, adjust their portfolios, and achieve liquidity.

1. **Market Liquidity:**

- The stock market ensures that there is sufficient liquidity, meaning investors can quickly buy or sell shares without significantly impacting the share price. This is crucial for market efficiency, as it allows for timely and fair pricing of shares.

2. **Market Prices:**

- The price of shares is determined by supply and demand in the market. Factors such as the company's performance, industry trends, economic conditions, and investor sentiment all influence the price of shares.

3. **Market Regulations:**

- The stock market is regulated by government bodies such as the Securities and Exchange Commission (SEC) to ensure transparency, fairness, and accountability. The regulations are designed to protect investors and maintain the integrity of the market.

4. **Trading Platforms:**

- In Nigeria, the Nigerian Stock Exchange (NGX) provides a platform where shares are bought and sold. The exchange operates through an electronic trading system, which allows investors to trade shares conveniently and securely.

Understanding the Primary and Secondary Markets

Primary Market

The **Primary Market** is a vital component of the capital markets where new **securities** are issued for the first time. It serves as the initial source of capital for companies looking to raise funds for various purposes such as expansion, paying off debt, funding new projects, or meeting operational needs. In the primary market, securities are issued directly by the company to investors, and the proceeds from these sales go directly to the issuing company.

The process of issuing new securities typically follows several steps:

1. **Preparation of the Prospectus:** Before issuing new securities, a company must prepare a prospectus, which is a detailed document outlining the company's financial status, business operations, and the specifics of the securities being offered. This document provides potential investors with the information they need to make an informed investment decision.
2. **Regulatory Approval:** The prospectus must be approved by relevant regulatory authorities, such as the Securities and Exchange Commission (SEC) in Nigeria, to ensure the company complies with all legal and financial disclosure requirements. This step is crucial in protecting investors and maintaining transparency in the market.
3. **Initial Public Offering (IPO):** One of the most common ways companies raise capital in the primary market is through an Initial Public Offering (IPO). This occurs when a company offers shares to the public for the first time, thus becoming publicly traded. The IPO is often underwritten by investment banks, which help set the initial offering price, market the shares, and manage the sale process.
4. **Rights Issues:** Another method used in the primary market is a rights issue, where existing shareholders are given the right to purchase additional shares in proportion to their existing holdings. This method is often used by companies to raise capital without diluting the ownership of current shareholders.
5. **Private Placements:** In some cases, companies may choose to issue securities through private placements, where securities are sold directly to a small group of institutional investors or accredited individuals. This is often quicker and involves less regulatory oversight compared to a public offering.

The **primary market** is essential for capital formation in an economy, as it enables businesses to access funds directly from investors without the need for borrowing. The capital raised in the primary market is typically used for long-term investments, such as capital expenditures, research and development, and business expansion.

Secondary Market

The **Secondary Market** is the market where previously issued securities are bought and sold. Unlike the primary market, the funds from the transactions in the secondary market do not go to the issuing company. Instead, these transactions occur between investors who trade securities such as **stocks**, **bonds**, and other financial instruments.



The **secondary market** plays a crucial role in providing **liquidity** to investors. By allowing investors to buy and sell securities, it offers the ability to quickly convert investments into cash. This liquidity is essential for maintaining investor confidence in the market, as it ensures that investors can exit their positions when needed.

Some key features of the secondary market include:

1. **Market Liquidity:** The secondary market allows investors to sell securities they previously purchased in the primary market, giving them the ability to realize **capital gains** or minimize losses. For example, if an investor bought shares in a company in the primary market, they could sell those shares to another investor in the secondary market at the prevailing market price.
2. **Price Discovery:** In the secondary market, the price of a security is determined by **market forces** such as supply and demand. If more investors want to buy a particular security, its price will rise, and if there are more sellers than buyers, the price will fall. This process of price discovery ensures that securities are accurately priced according to their current market value.
3. **Regulated Exchanges:** Securities in the secondary market are typically traded on stock exchanges (such as the **Nigerian Stock Exchange (NGX)**), which provide a regulated environment for these transactions. These exchanges facilitate trading by providing a platform for buyers and sellers to meet and execute orders.
4. **Over-the-Counter (OTC) Market:** In addition to exchanges, securities can also be traded in the **Over-the-Counter (OTC)** market, where transactions occur directly between parties without the oversight of an exchange. OTC markets tend to deal with securities that are not listed on exchanges, including some corporate bonds and smaller company stocks.
5. **Market Makers:** In the secondary market, **market makers** play an important role by ensuring that there is enough liquidity for securities to be bought and sold. Market makers are typically large financial institutions or broker-dealers who continuously offer to buy and sell securities at quoted prices, thus facilitating transactions in the market.
6. **Capital Gains and Losses:** The secondary market provides investors with the opportunity to realize **capital gains** if the price of their securities increases over time. Alternatively, investors may incur **capital losses** if the price of their securities falls. The performance of the securities in the secondary market is influenced by various factors, including the overall economic environment, company performance, and investor sentiment.

Importance of the Secondary Market

The secondary market provides essential benefits to investors, companies, and the overall economy:

- **Liquidity:** By providing liquidity, the secondary market ensures that investors can quickly convert their holdings into cash, which enhances market efficiency.
- **Price Transparency:** The secondary market helps investors determine the true value of a security based on real-time transactions and market conditions.
- **Investment Flexibility:** The ability to buy and sell securities in the secondary market offers investors flexibility in managing their portfolios and adjusting their investment strategies.
- **Investor Confidence:** A well-functioning secondary market boosts investor confidence by providing a transparent and accessible venue for trading securities.

Understanding Market Capitalisation

Market capitalisation (or market cap) is a key metric used to assess the size, financial stability, and market value of a company. It refers to the **total market value** of a company's outstanding shares, representing the total worth of a company's equity as perceived by the market.

multiplying the current market price of a single share by the total number of outstanding shares. The formula is:



$$\text{Market Capitalisation} = \text{Current Share Price} \times \text{Total Outstanding Shares}$$

This value is a crucial indicator for investors as it reflects the company's relative size and gives insights into its growth potential, risk level, and investment attractiveness compared to other companies. For example, a company with a higher market capitalisation is generally considered more stable, with a well-established market presence, while a smaller company may have higher growth potential but could also be riskier.

Factors That Can Increase Market Capitalisation

Several factors can contribute to an increase in a company's market capitalisation:

1. **Additional Share Offerings:** When a company issues new shares in the **primary market** through mechanisms such as an **Initial Public Offering (IPO)** or **rights issue**, the total number of shares in circulation increases. This leads to a proportional increase in market capitalisation, assuming the price of the shares remains constant or rises. This allows the company to raise capital for expansion, debt reduction, or new projects.
2. **Increase in Share Price:** Market capitalisation can grow significantly if the share price of a company increases. An increase in **share price** could be driven by factors such as improved company performance, strong earnings reports, or positive investor sentiment. A surge in stock price can also occur due to favorable market conditions, investor optimism, or the company's successful strategic initiatives.
3. **Debt to Equity Conversion:** Companies sometimes convert **debt into equity** in an effort to reduce their debt load. When a company issues shares in exchange for outstanding debt, the number of shares in circulation increases, which can lead to an increase in the company's market capitalisation. While this process can increase market cap, it also changes the company's financial structure by reducing its leverage, which may improve its financial position and reduce bankruptcy risk.
4. **Acquisitions and Mergers:** If a company acquires or merges with another company, its market capitalisation may increase, especially if the acquisition adds valuable assets or expands the company's market share. Acquisitions are often perceived positively by the market if the acquired company's assets and revenue streams complement or enhance the acquiring company's operations.
5. **Positive Earnings and Revenue Growth:** A company that shows consistent profitability and increases in earnings or revenue will likely see an increase in its stock price. As the stock price rises, the company's market cap increases accordingly. Strong financial performance signals to investors that the company is growing and has good future prospects, thereby increasing its appeal.

Factors That Can Decrease Market Capitalisation

Just as various factors can lead to an increase in market capitalisation, several events or conditions can contribute to a decrease:

- **Decline in Share Price:** A fall in the **market price** of a company's shares results in a proportional decrease in market capitalisation. This may occur due to a variety of reasons, including poor financial performance, a decrease in demand for the company's products or services, adverse economic conditions, or investor pessimism. When stock prices drop, it reflects lower market confidence, often due to disappointing earnings, leadership changes, or external market factors.

- **Delisting of Companies:** If a company is **delisted** from the stock exchange, it is no longer a part of the public market, meaning it will no longer contribute to the total market capitalisation of the exchange. Delisting can occur for various reasons, such as failure to meet regulatory requirements, falling below the exchange's listing standards, or voluntary decisions by the company itself. The removal of companies from the exchange reduces the overall market cap of that particular exchange or index.
- **Share Buybacks:** A **share buyback** occurs when a company repurchases its own shares from the market, reducing the number of outstanding shares. While this may have a positive effect on earnings per share (EPS) and potentially increase share prices, it decreases the total number of shares in circulation, which can lead to a decrease in market capitalisation if the buybacks are substantial.
- **Business Challenges or Financial Struggles:** If a company faces significant **financial challenges**, such as increased debt, declining sales, or management issues, it can lead to a decrease in its stock price and market cap. When a company is struggling to meet growth targets, operational efficiency, or profitability, investors may lose confidence, resulting in a sell-off and a reduction in the market value of the company.
- **Economic or Industry Downturn:** Broader economic factors, such as a **recession**, or an industry-specific downturn, can negatively affect a company's market cap. Economic slowdowns, regulatory changes, or shifts in consumer behavior can all lead to reduced earnings forecasts and lower stock prices. This can be particularly impactful for companies in cyclical industries that are sensitive to economic fluctuations.
- **Corporate Scandals or Legal Issues:** If a company becomes involved in a **scandal**, legal issues, or unethical behavior, it can significantly damage its reputation and lead to a decline in stock price. News of lawsuits, regulatory investigations, or corporate governance issues can cause investors to lose confidence, resulting in a decrease in market capitalisation.

Categories of Market Capitalisation

To better understand the market standing of a company, investors often classify companies based on their market capitalisation. These categories help investors evaluate companies based on their size, risk profile, and potential for growth:

- **Large-Cap Companies:** Large-cap companies have a market capitalisation typically over **\$10 billion**. These are well-established companies with a strong financial track record. They are usually considered less risky because of their stability and established market position. Examples include multinational corporations like **Microsoft, Apple, and Coca-Cola**.

- **Mid-Cap Companies:** Mid-cap companies have market capitalisations ranging from **\$2 billion to \$10 billion**. These companies are typically in the growth phase, looking to expand their operations. They may offer higher growth potential than large-cap companies but can also be more volatile.
- **Small-Cap Companies:** Small-cap companies have market capitalisations between **\$300 million and \$2 billion**. These companies are generally newer or in the early stages of growth. They offer higher growth potential but also come with a higher degree of risk and volatility.
- **Micro-Cap Companies:** Micro-cap companies have a market capitalisation of **under \$300 million**. These are usually emerging companies or startups with significant growth potential but are also high-risk investments due to their size, limited resources, and potential for failure.

Modes of Public Offering

Public offerings provide companies with an opportunity to raise capital from investors in the financial market. Companies can opt for different methods of issuing securities to the public based on their specific capital needs, regulatory requirements, and target investors.

Offer for Subscription

- This method involves a company issuing new shares or part of its authorized share capital to the public for the first time. Investors who subscribe to the offer become part-owners of the company, thus sharing in the risks and rewards. The funds raised from this offering are typically used for expansion, research and development, debt reduction, or other business purposes.

Offer for Sale

- In an offer for sale, existing shareholders (usually high-net-worth individuals or institutional investors) sell part of their shares to the public. This method is often used by private companies that are seeking to go public or by companies that want to diversify ownership without issuing new shares. The selling shareholders retain control of the company while raising capital.

Private Placement

- Private placement involves selling securities directly to a select group of investors, which may include institutional investors, wealthy individuals, or venture capitalists. This method is typically used for raising targeted funds for specific projects or to meet particular financial needs. Private placements are less regulated compared to public offerings, but they are still overseen by regulatory authorities such as the SEC to ensure transparency.

Rights Issue

- A rights issue allows existing shareholders to purchase additional shares in proportion to their existing holdings. This method enables companies to raise capital without diluting ownership too much, as existing shareholders are given priority. A rights issue helps a company raise funds for purposes such as expansion or reducing debt, while also maintaining control among current shareholders.

The Debt/Equity Ratio

The debt/equity ratio is a key financial metric used to assess a company's financial leverage. It is calculated by dividing a company's long-term debt by its shareholders' equity. This ratio is an important indicator of the company's ability to manage its debt relative to its equity base.

- **Higher Debt/Equity Ratio:** Indicates that a company is relying more on debt financing to fund its operations and expansion. While this can lead to higher returns for shareholders due to the use of leverage, it also increases the company's financial risk, particularly in cases of economic downturns or rising interest rates.
- **Lower Debt/Equity Ratio:** Suggests that a company is using less debt and is primarily funded through equity. This is generally considered less risky, as the company has lower obligations and less exposure to market volatility. Companies in industries like IT or technology often have lower debt/equity ratios, while capital-intensive industries such as manufacturing or real estate tend to have higher ratios.

Margin Loans

A **margin loan** allows investors to borrow funds from financial institutions to purchase additional securities or shares. The loan is secured by the investor's existing investments, which serve as collateral. Margin loans can amplify an investor's returns, but they also come with significant risks

Advantages:

- Potentially increases profits by allowing investors to leverage their existing capital.
- Enables investors to expand their portfolios without needing to liquidate existing investments.

Disadvantages:

- Increases the risk of losses if the value of purchased shares declines, as the investor must still repay the loan.
- The margin loan must be repaid, and if the investment loses value, the investor may be required to provide additional collateral or repay the loan immediately.

Bull and Bear Markets

Bull Market

A bull market is characterized by rising stock prices, typically driven by strong economic growth, high investor confidence, and a favorable business environment. Investors are optimistic about future prospects, leading to more buying and higher stock prices. During a bull market, investors generally seek to profit from capital gains and increased portfolio value.

Bear Market

In contrast, a **bear market** refers to a period when stock prices are declining, often due to economic downturns, investor pessimism, or negative sentiment about future growth prospects. During a bear market, stock prices generally trend downward, and investors may adopt more conservative strategies, such as focusing on dividend-paying stocks, diversifying their portfolios, or holding cash to avoid losses.

Understanding Financial Statements

This chapter provides a detailed overview of financial statements, which are crucial for evaluating a company's performance and making informed investment decisions. Financial statements give investors insights into a company's profitability, financial health, and cash flow management.

Introduction to Financial Statements

Financial statements provide essential information about a company's financial position, performance, and cash flow. They are typically categorized into the following three main reports:

- **Income Statement:** Shows the company's revenues, costs, and expenses over a specific period, highlighting profitability.
- **Balance Sheet (Statement of Financial Position):** Provides a snapshot of the company's assets, liabilities, and shareholders' equity at a particular point in time.
- **Cash Flow Statement:** Focuses on cash inflows and outflows, helping investors assess a company's liquidity and ability to meet its financial obligations.

These reports are critical for investors as they help in assessing a company's ability to generate profits, manage expenses, and sustain operations.

Statement of Financial Position (The Balance Sheet)

The balance sheet gives a detailed snapshot of a company's financial position at a given time. It is structured into three key components:

Assets:

These represent what the company owns and can use to generate income. Assets are divided into:

- **Current Assets:** These are assets that are expected to be converted into cash or used up within a year, such as cash, receivables, and inventory.
- **Non-Current Assets:** These include long-term investments like property, plant, equipment, and intangible assets like patents and goodwill.

Liabilities:

These are the company's obligations or what it owes to others. Liabilities are divided into:

- **Current Liabilities:** Debts or obligations that are due within a year, such as short-term loans or payables.
- **Long-Term Liabilities:** Obligations that are due beyond one year, such as long-term loans or bonds payable.

Equity:

The shareholders' ownership in the company, calculated as the difference between total assets and total liabilities. It reflects the value that would remain if all assets were sold and all liabilities paid off.

Shareholders' Equity


Shareholders' equity represents the residual interest in a company's assets after deducting liabilities. This is the value that would be available to shareholders in the event of liquidation. It is essentially the company's **net worth**.

Formula:

$$\text{Shareholders' Equity} = \text{Total Assets} - \text{Total Liabilities}$$

This equity value includes:

- **Retained Earnings:** Profits that are reinvested into the business rather than distributed as dividends.
- **Paid-in Capital:** Money raised by the company from issuing stock.



A higher shareholders' equity often indicates a financially healthy company, as it implies a greater amount of capital to cover liabilities and fund future growth. Dividends may be distributed from retained earnings, and the remaining equity is reinvested in the business.

Income Statements

The **income statement** provides a detailed account of a company's profitability over a specified period (e.g., quarterly or annually). It records the company's revenues, costs, and expenses, ultimately determining whether the company made a profit or incurred a loss.

Key components of the income statement:

- **Income or Sales:** Total revenue from selling goods or services.
- **Gross Profit:** The difference between sales and the cost of goods sold.
- **Operating Profit:** Profit derived from the company's primary business activities, excluding other non-operational incomes.
- **Net Profit:** Final profit after deducting all operating expenses, taxes, and interest. This is the "bottom line" and indicates the company's overall profitability.
- **Earnings Per Share (EPS):** This metric divides the company's net profit by the number of outstanding shares, providing investors with a measure of profitability per share.

Reading the Income Statement

When analysing the income statement, consider the following key revenue and expense types:

- **Gross Revenue:** Total income from the sale of goods or services before any deductions.
- **Net Revenue:** The amount after returns and allowances.
- **Cost of Sales:** Direct costs involved in producing the goods sold, such as materials and labour.
- **Gross Margin:** The profit after subtracting the cost of sales but before operating expenses.
- **Operating Expenses:** Costs not directly related to production, such as marketing, administration, salaries, and research.
- **Depreciation:** An expense that reflects the wear and tear on the company's long-term assets over time.
- **Interest Income and Expense:** The earnings from investments and the costs associated with borrowing money.

Understanding the net profit helps investors assess whether a company is generating value.

Tracking EPS provides insight into how much profit is attributable to each share of stock, which is crucial for assessing a company's valuation.

Cash Flow Statements

The **cash flow statement** focuses on how cash flows in and out of the business. Unlike the income statement, which includes both cash and non-cash items, the cash flow statement only includes actual cash movements. It provides a clear picture of a company' liquidity and its ability to cover short-term obligations.

The statement is divided into three categories:

1. **Operating Activities:** Cash flows directly related to the company' core business operations, such as cash received from customers and cash paid to suppliers.
2. **Investing Activities:** Cash flows from buying or selling assets like property, equipment, or investments.
3. **Financing Activities:** Cash flows from external sources such as issuing stock, borrowing money, or repaying debt.

A positive cash flow indicates the company is generating more cash than it is spending, which is crucial for maintaining operations and investing in growth. However, a negative cash flow may be a sign of financial trouble, although it may not necessarily be alarming if the company is reinvesting in profitable expansion.

Understanding Accounting Ratios

Accounting ratios help assess a company's performance and compare it to peers or industry standards. These ratios provide insight into various aspects such as profitability, liquidity, and financial leverage.

Key ratios include:

1. **Price-to-Earnings (P/E) Ratio:**
 - Measures how much investors are willing to pay for each dollar of earnings.
 - Formula: $P/E = \text{Price per Share} / \text{Earnings per Share (EPS)}$
 - A higher P/E suggests that investors expect higher future growth.
2. **Price-to-Sales (P/S) Ratio:**
 - Used to evaluate the value of a company based on its revenue.
 - Formula: $P/S = \text{Market Capitalization} / \text{Total Revenue}$
 - This ratio is useful for companies that are not yet profitable, such as startups.
3. **Price-to-Book (P/B) Ratio:**
 - Compares the market value of a company' stock to its book value (the difference between its assets and liabilities).
 - Formula: $P/B = \text{Market Value per Share} / \text{Book Value per Share}$
 - A P/B ratio of less than 1 indicates the stock may be undervalued.

4. Return on Equity (ROE):

- Measures a company's ability to generate profit from shareholders' equity.
- Formula: $ROE = \text{Net Income} / \text{Shareholders' Equity}$
- A higher ROE indicates better financial performance.

5. Return on Assets (ROA):

- Measures a company's ability to generate earnings from its assets.
- **Formula:** $ROA = \text{Net Income} / \text{Total Assets}$

6. Current Ratio:

- Measures a company's ability to pay short-term liabilities with its short-term assets.
- Formula: $\text{Current Ratio} = \text{Current Assets} / \text{Current Liabilities}$
- A ratio between 1 and 2 suggests that the company can cover its short-term obligations.

7. Quick Ratio (Acid Test):

- A more stringent measure of liquidity that excludes inventory.
- **Formula:** $\text{Quick Ratio} = (\text{Current Assets} - \text{Inventory}) / \text{Current Liabilities}$
- A ratio of 1 or more suggests the company can cover its immediate liabilities.

8. Debt-to-Equity Ratio:

- Compares a company's total debt to its shareholders' equity, helping investors assess financial leverage.
- **Formula:** $\text{Debt-to-Equity Ratio} = \text{Total Debt} / \text{Shareholders' Equity}$
- A higher ratio indicates higher financial risk.

Summary of Financial Statements

- **Balance Sheet:** Provides a snapshot of the company's assets, liabilities, and shareholders' equity at a specific point in time.
- **Income Statement:** Shows the company's revenues, costs, and profits over a period.
- **Cash Flow Statement:** Provides details about the cash inflows and outflows from the company's operating, investing, and financing activities.
- **Accounting Ratios:** Offer quick insights into various aspects of the company's performance, such as profitability, liquidity, and financial leverage.

Technical Analysis

Technical analysis is a critical tool used by investors to make informed decisions based on the behaviour of share prices and market trends. It involves examining historical price movements and



trading volumes to forecast future price trends. Technical analysts believe that all relevant information about a company is reflected in its share price and trading volume, meaning that instead of focusing on the intrinsic value of the company, it is more useful to analyse trends in share price behaviour to determine when to buy or sell a stock. While technical analysis is often contrasted with fundamental analysis, the two are interconnected. For example, a stock breaking through a price resistance level or becoming oversold may signal strong upward potential, which could be tied to favourable fundamental factors such as robust earnings or the launch of a new product.

Charting Basics

In technical analysis, charts are essential tools for analysing price movements and identifying trends. Here are some common types of charts used in the Nigerian Capital Markets:

1. **Bar Charts:** Bar charts display a security's open, high, low, and closing prices. The closing price is typically marked with a tick on the right side of the bar, indicating the last price at which the security was traded.
2. **Volume Bar Chart:** Volume is often shown as a bar graph at the bottom of the price chart, helping to visualize the amount of trading activity. This can reveal the strength behind a price movement.
3. **Line Charts:** Line charts are the simplest form of charts, providing an easy-to-understand view of a security's price by connecting the closing prices over a specific period.
4. **Candlestick Charts:** Originating from the rice futures market in Japan, candlestick charts use the open, high, low, and closing prices for analysis. Candles are typically coloured to represent whether the closing price was higher (bullish) or lower (bearish) than the opening price. This format is widely used in the Nigerian market to identify potential reversals and price trends.

Trends in Technical Analysis

A key concept in technical analysis is identifying trends. A trend line is used to represent the general direction of price movement, and trends are often categorized as bullish (upward) or bearish (downward). Trends can persist due to investor psychology and market sentiment. For instance, when a stock begins to rise, more investors may buy in, fuelling the price increase, thus creating a self-reinforcing trend.

Support and Resistance

Support and resistance levels are critical indicators in technical analysis.

- **Support:** This is the price level at which a stock or asset tends to find support as it falls, with buyers stepping in to purchase, preventing the price from dropping further. It represents a price point where demand exceeds supply.

- **Resistance:** This is the price level where selling pressure is strong enough to prevent the price from rising further. Sellers dominate at this level, keeping the price from breaking upward.

Support and resistance levels can be breached if there is a change in market sentiment, often triggered by news, earnings reports, or broader economic events such as interest rate changes..

Head and Shoulders Pattern

The Head and Shoulders reversal pattern is one of the most reliable chart patterns used in technical analysis. It is used to predict trend reversals, signalling a shift from a bullish to a bearish market (or vice versa). In the context of the Nigerian market, this pattern can be used to predict potential downturns or rallies in stock prices, providing traders with a valuable tool for market predictions.

Continuation Patterns

Continuation patterns suggest that after a brief period of consolidation, the prevailing trend will resume. One example is the *Symmetrical Triangle*, which forms when price fluctuations become narrower, signalling a potential breakout. This pattern is common in Nigerian stocks as they experience periods of consolidation before resuming their upward or downward trends.

Moving Averages

A moving average (MA) is an essential indicator used in technical analysis to smooth out price fluctuations and identify trends. The most common moving averages are:

- **Simple Moving Average (SMA):** The average of a stock's closing prices over a specific time period.
- **Exponential Moving Average (EMA):** A type of moving average that gives more weight to recent prices, making it more responsive to price changes.
- **Weighted Moving Average:** Similar to the EMA but with different weighting.

In the Nigerian Capital Market, moving averages are used to determine potential buy and sell signals when the price crosses above or below the moving average line.

Relative Strength Index (RSI)

The Relative Strength Index (RSI) is a widely used oscillator that measures the speed and change of price movements. It ranges from 0 to 100 and helps determine if a stock is overbought or oversold. An RSI above 70 indicates that a stock may be overbought (potential sell signal), while an RSI below 30 suggests that a stock may be oversold (potential buy signal). In the Nigerian stock market, the RSI is particularly useful for identifying short-term price reversals.

Conclusion

The combination of technical analysis with fundamental analysis can significantly enhance an investor's ability to make informed decisions. Technical analysis provides valuable insights into price trends, market sentiment, and potential future movements, while fundamental analysis offers a deeper understanding of a company's financial health and potential growth. By integrating both approaches, investors can better navigate the complexities of the market, increasing the chances of making successful investment decisions.

NON-INTEREST (ISLAMIC) FINANCE: An Overview


Overview

Non-Interest (Islamic) Finance, despite its name, is not exclusive to Muslims. It is a series of financial products designed to cater to a specific group of investors who seek financial solutions aligned with ethical, moral, and socially responsible principles. Non-interest finance operates within a framework that ensures fairness, justice, and ethical trade practices while avoiding interest (riba), excessive uncertainty (gharar), and unethical investments. This system is built on the principles derived from the Quran, Sunnah, and Islamic law (Shari'ah), which guide financial transactions to ensure they are fair, transparent, and beneficial to society at large.

Islamic Finance primarily excludes investments in activities such as alcohol, gambling, tobacco, and other forbidden commodities. It also emphasizes avoiding companies where debt exceeds one-third of their assets, promoting healthier financial structures. The goal is to provide ethical, fair, and inclusive financial solutions that contribute to the broader economy by encouraging socially responsible investments.

Main Principles of Islamic Finance

- **Wealth Generation:** Islamic finance promotes wealth creation through legitimate trade and asset-based investments. It encourages ethical dealings and the use of resources to generate value and foster economic development.
- **Risk Sharing:** A core concept of Islamic finance is the shared responsibility between the capital provider and the expertise of the entrepreneur. This is a departure from the traditional model where the lender assumes no risk. In Islamic finance, both parties share the potential profit and loss.
- **Social and Ethical Responsibility:** Investments must benefit society and cannot be driven



purely by financial returns. The societal impact of financial decisions is considered a priority, ensuring that investments align with the broader moral goals of creating a fair and equitable society.

- **Prohibition of Speculation:** Islamic finance prohibits speculative activities, gambling, and excessive uncertainty. Financial contracts must be clear and transparent, avoiding hidden risks and ambiguity.

Basic Features of Islamic Finance

The key features of Islamic finance focus on fairness, justice, and the social utility of investments.

These features include:

- **Principle of Justice:** Both the financier and the beneficiary share the actual profit or loss, especially in equity-based contracts. This ensures that both parties have an equal stake in the outcome of the venture.
- **Restriction on Harmful Activities:** Financing is restricted to goods and services that are beneficial to society. Products that promote harm, such as those involved in the production of alcohol or tobacco, are excluded from Islamic finance.
- **Ethical and Moral Considerations:** Every transaction is conducted with ethical integrity, adhering to the guidelines laid out by Shari'ah law. This ensures that investments promote fairness, transparency, and social well-being.

Shari'ah Advisory Council (SAC)

In Nigeria, the **Shari'ah Advisory Council (SAC)** of the Central Bank of Nigeria (CBN) plays a critical role in ensuring that all Islamic financial products adhere to the principles of Islamic law. The SAC reviews the validity of financial products, issues resolutions, and ensures that transactions in the Islamic Capital Market (ICM) and Islamic banking systems comply with Shari'ah principles. This oversight helps prevent any practices that contradict the ethical standards set by Islam.

Benefits of Islamic Finance in Nigeria

- **Financial Inclusion:** A significant percentage of Nigerians, particularly in the northern regions, have historically been excluded from conventional banking due to religious beliefs that prevent participation in interest-based financial systems. The introduction of Islamic financial products, such as **Islamic Banks**, **Islamic REITs (I-REITs)**, **Islamic Funds (I-Funds)**, and **Sukuk (Islamic Bonds)**, provides these individuals with opportunities to engage in the financial system in a way that aligns with their beliefs.
- **Foreign Direct Investment (FDI):** Islamic finance products like Sukuk and I-REITs can attract foreign investments, especially from Middle Eastern and Asian markets, thus facilitating greater integration with the global economy.

- **Alternative Investment Products:** Islamic finance heavily relies on the **Islamic Capital Market (ICM)** to provide alternative investment options. These include Sukuk, I-REITs, I-Funds, and Islamic Equity Indexes. These products help bridge the funding gap for key infrastructure projects, benefiting Nigerian institutions, such as the Central Bank of Nigeria (CBN), the Nigeria Deposit Insurance Corporation (NDIC), and the National Pension Commission (PENCOM), by enabling them to deploy Islamic finance products to manage excess liquidity and ethical fund investments.
- **Reduction of Income Disparity:** By promoting fair risk-sharing and the equitable distribution of profits and losses, Islamic finance can help reduce income disparity, addressing socio-economic inequalities and promoting a more balanced economy.
- **Employment Generation:** Project-based financing under Islamic finance contributes to the creation of more jobs, both skilled and unskilled, especially in infrastructure and development projects.
- **Benchmark for Investment Return:** Issuing local currency Sukuk and other Islamic financial instruments helps build a yield curve that serves as a benchmark for other issuances in the Nigerian market. This benchmark can guide investment decisions for both domestic and international investors, improving market efficiency.

Conclusion

Islamic finance is much more than just an interest-free system; it is a robust, ethical, and inclusive financial system that promotes entrepreneurship, financial stability, and the safeguarding of property rights. By linking the financial sector with the real economy and ensuring transparency, Islamic finance offers a universal system of financing that can operate in both developed and emerging markets. It ensures that financial transactions adhere to ethical standards, prioritizing societal benefits over pure profit maximization.

This system emphasizes fairness, accountability, and shared prosperity, providing a viable and ethical alternative to conventional financial practices. Through products like **Sukuk**, **Islamic REITs**, and **I-Funds**, Islamic finance fosters an inclusive economy and promotes real economic growth, making it an essential tool for both investors and institutions in Nigeria and beyond.

Understanding Islamic Capital Market

Introduction

Every economy consists of two primary units: surplus and deficit units. Surplus units are those whose income exceeds their consumption within a particular period, while deficit units are those

who either spend more than their income or require funds to complete or initiate projects in the real sector of the economy. While the real sector of the economy is responsible for the production of goods and services, the financial sector intermediates the necessary financing to fund these productive activities. It achieves this by mobilizing the savings of surplus units and channeling them to the deficit units. The relationship between the financial sector and the real sector, as well as the role of the capital market in the intermediation of funds, is crucial for economic development.

What is Islamic Finance?

Islamic finance refers to financial market transactions, operations, and services that comply with the principles of Islamic commercial law, also known as Shari'ah law. This system is based on ethical and moral guidelines drawn from the Quran and Sunnah, which prohibit certain financial practices, such as interest (riba), excessive uncertainty (gharar), and gambling (maysir). The Islamic financial system operates similarly to the conventional financial system but follows principles rooted in equity, fairness, and social responsibility.

Principles of Islamic Finance

Islamic finance is built upon several distinctive and unique characteristics that ensure ethical financial practices. Some of the prominent elements include:

1. **Riba (Interest):** Any excess, increase, or additional compensation not in exchange for a due consideration is considered riba. The most common form of riba is commercial interest, where the borrower compensates the lender for the right to use a sum of capital over a period.
2. **Gharar:** Refers to uncertainty or ambiguity in contracts that could lead to disputes. For instance, executing a contract before the price, subject matter, or transacting parties are clearly known creates ambiguity.
3. **Mysir:** Refers to gambling or speculation, including uncertainty and risk regarding the outcome of a contract. This principle prohibits investments in speculative activities that may not provide a fair return.
4. **Prohibited Investments:** Islamic finance also prohibits investments in businesses that deal with unethical or harmful activities such as alcohol, tobacco, pornography, and companies involved in gambling, weapons, and other prohibited commodities.

Islamic Capital Market (ICM)

The Islamic Capital Market (ICM) is a sub-sector of the capital market that facilitates the issuance of Shari'ah-compliant securities and financial products as alternatives to conventional ones. ICM plays a vital role in promoting ethical investment opportunities and providing a platform for investors

seeking financial solutions that align with their values. ICM complements the Islamic banking sector and contributes to diversifying investment options. With its focus on equity and asset-based transactions, ICM meets the needs of investors by allowing them to diversify their investment portfolios in a manner consistent with Islamic principles.

Players in the Islamic Capital Market (ICM)

The ICM consists of several key players that ensure the smooth functioning of the market. These include:

1. **Issuers:** These are government bodies (federal, state, or local), government agencies, supra-national organizations, or corporate entities that issue products like Sukuk (Islamic Bonds) to raise capital for various projects or business expansions.
2. **Investors:** Retail investors, high-net-worth individuals, corporate bodies, and government agencies invest in ICM products in exchange for returns or income.
3. **Regulators:** Regulatory agencies such as the Securities and Exchange Commission (SEC) ensure the fairness and transparency of the market, as well as protect investors from unethical practices.
4. **Intermediaries:** These are firms or institutions registered with the SEC to provide various market functions. Examples include issuing houses, brokers, dealers, trustees, and solicitors.
5. **Advisory/Certification Boards:** A critical participant in ICM, the advisory or certification board comprises experts in Islamic commercial jurisprudence who certify that financial products comply with Shari'ah law. The certification process ensures that products issued in the ICM are acceptable within the guidelines of Islamic principles.

Contracts Relating to ICM

Islamic financial products are developed based on traditional commercial contracts adapted to comply with Shari'ah principles. These contracts govern the terms and conditions of transactions and ensure they are in line with Islamic ethical standards. The key types of contracts include:

1. **Sharing Contracts:** These equity-based contracts are structured as partnerships. Investors and issuers share in the profits and losses of the venture. Notable sharing contracts include:
 - **Mudarabah:** A partnership where one party provides capital (Rabul-mal) and the other provides expertise (Mudarib). Profits are shared based on a pre-agreed ratio, while losses are borne by the capital provider.
 - **Musharakah:** A partnership where both parties contribute capital, and profits and losses are shared based on the contribution ratio.
2. **Sale/Exchange Contracts:** These contracts involve a buyer-seller relationship between the investor and the issuer. The investor sells commodities or assets to the issuer and receives

cost plus a markup at a future date. Types of sale contracts include:

- **Murabahah:** A sale in which the seller discloses the cost and the profit margin to the buyer.
 - **Salam:** A forward sale contract where the seller agrees to deliver specific goods at a future date in exchange for full payment upfront.
 - **Istisna:** A contract used for manufacturing or construction projects where payment is made in advance for future delivery.
3. **Lease Contracts:** In these contracts, the investor leases an asset to the issuer and receives rental income. A common lease contract is Ijarah, where the investor sells the usufruct (benefit) of an asset in exchange for a rental fee.
 4. **Agency Contracts:** These contracts are based on agency relationships where the issuer acts as an agent on behalf of the investors. An example is Wakalah, where the principal (muwakkil) appoints an agent (wakil) to carry out specific tasks on their behalf, usually for a fee.



Benefits of the Islamic Capital Market

ICM offers several advantages to both the economy and investors:

1. **Increased Access to Funding:** The ICM provides an alternative source of capital for governments and businesses, helping to fund infrastructure development and business expansion. This, in turn, leads to job creation and poverty reduction.
2. **Complementary Role to the Non-Interest Financial Sector:** ICM complements the non-interest money market and the Takaful (Islamic insurance) market, contributing to a more integrated and comprehensive financial system.
3. **Financial Inclusion and Deepening:** By encouraging ethical investors to participate in the capital market, ICM helps enhance financial inclusion, offering a previously untapped investor base for both public and private sectors.
4. **Diversification of Capital Raising Sources:** The availability of ICM products, such as Sukuk, provides issuers with additional means of raising capital, thereby enhancing capital market depth and offering investors more options to diversify their portfolios.

Regulatory Initiatives to Develop the ICM

The Nigerian Securities and Exchange Commission (SEC) has introduced several initiatives to support the growth of the Islamic Capital Market:

1. **Regulation for Sukuk Offerings:** SEC facilitated the first Sukuk issuance in Nigeria with the Osun Sukuk in October 2013.
2. **ICM Masterplan (2015-2025):** The SEC has developed a 10-year master plan aimed at ensuring that ICM contributes 25% to the total capital market capitalization by 2025.
3. **Regulations for Islamic Fund Management:** SEC enabled the operation of Islamic fund management companies and has registered the first Islamic Fund Management firm in 2008.
4. **Public Awareness and Education:** SEC has collaborated with state governments to organize roundtable programs to promote ICM products, with plans for nationwide outreach.
5. **Sovereign Sukuk Issuance:** In 2017, SEC worked with the Debt Management Office to issue Nigeria's first Sovereign Sukuk, a significant milestone for the ICM in the country.
6. **Ongoing Collaboration:** SEC continues to collaborate with various stakeholders to deepen the ICM sector, ensuring sustainable growth and investment opportunities in Nigeria's financial markets.


Conclusion

The Islamic Capital Market plays a vital role in the broader financial ecosystem by providing ethical, Shari'ah-compliant investment opportunities. As Nigeria continues to develop its Islamic financial sector, the ICM provides an alternative avenue for financing and investing, contributing to financial inclusion, capital market deepening, and economic growth. By aligning with the principles of Islamic finance, ICM offers investors a way to diversify their portfolios while maintaining ethical and moral standards in their investments. Through continuous regulatory efforts, Nigeria is well-positioned to become a leader in the Islamic Capital Market in Africa.

Frequently Asked Questions on Sukuk and Its Benefits

What is Islamic Finance?

Islamic finance refers to a financial system comprising institutions, products (such as Sukuk), and services that operate according to Islamic law, known as Shariah. It operates under the principle of Islamic commercial laws and involves methods by which corporations or governments raise capital and make investments that adhere to Shariah guidelines. Similar to conventional financial systems, Islamic finance includes deposit-taking banks, fund managers, investment firms, and insurance companies (known as Takaful). These entities operate within both Islamic law and the conventional



financial industry' regulations, aiming to ensure "justice and equity" for all parties involved in transactions.

What is Shariah?

Shariah, an Arabic word meaning Islamic law, is the legal framework that governs the lives of Muslims. It is derived from four main sources:

- **The Holy Qur'n** (the sacred text of Islam).
- **Sunnah** (the practices of the Prophet Muhammad)
- **Ijma** (consensus among Islamic scholars).
- **Qiyas** (analogical reasoning).

Shariah acts as a comprehensive code of living, detailing laws and principles that guide financial and personal conduct for Muslims.

What is Sukuk?

Sukuk are investment certificates or notes that represent proportionate ownership in tangible assets, usufructs (benefits from assets), services, or investments in specific projects or special investment activities that adhere to Shariah principles. The basic principle behind Sukuk is that the holder has undivided ownership rights in the asset and is entitled to the returns generated by that asset.

Sukuk, often referred to as an Islamic or Shariah-compliant "bond," is a non-interest-based investment and financing instrument. It is available to investors of all backgrounds, as it follows ethical standards that promote justice, fairness, and social responsibility.

What is the Origin of Sukuk?

The concept of Sukuk is not a modern invention but has historical roots dating back to the 7th century AD. The first Sukuk transaction occurred in Damascus, Syria, and over time, Islamic communities used Sukuk as a means to represent financial commitments arising from trade and other economic activities.

The modern resurgence of Sukuk was catalyzed by the Islamic Fiqh Academy of the Organization of Islamic Cooperation (OIC) and the Accounting and Auditing Organization for Islamic Financial Institutions (AAOIFI). These standard-setting organizations revived the concept of Sukuk, leading to the first successful Sukuk issuance by the Malaysian government in 1983. Sukuk was created as an alternative to conventional bonds, structured to comply with Shariah principles.

What are the Principles Guiding the Use of Sukuk?

The use of Sukuk must comply with Islamic law, which emphasizes ethical conduct and fairness in financial transactions. The guiding principles for Sukuk include:

- **Permissibility:** Projects financed through Sukuk must be beneficial and not harmful to society (e.g., transactions involving alcohol or gambling are prohibited).
- **Valid Contracts:** Transfers of assets and properties must be based on valid contracts.
- **Mutual Consent:** Transactions should be based on mutual consent between parties.
- **Prohibition of Speculation and Gambling:** Sukuk must avoid speculation, gambling, or uncertain risks (gharar).
- **No Interest:** The earning of interest (riba) is prohibited.
- **Asset-Backed:** Sukuk must be backed by real, tangible assets with commercial value.

What Are the Differences Between Sukuk and Conventional Bonds?

Sukuk differs from conventional bonds in several key areas:

Consideration	Sukuk	Conventional
Ownership	Represents ownership interest in the underlying asset or project.	Represents a debt owed by the issuer to bondholders.
Underlying Asset	Based on Shariah-compliant assets.	Can be based on any asset or project.
Pricing	Priced according to the value of the assets backing them.	Priced based on the creditworthiness of the issuer.
Returns	Returns increase in value if the underlying assets appreciate.	Returns are fixed and based on interest payments.
Sales	Selling Sukuk transfers ownership of assets. In case of default, Sukuk holders can claim the asset.	Selling bonds transfers the debt obligation, with no asset ownership involved.
Guarantee on Returns	Returns are not guaranteed, and investors share the risk of the underlying assets.	Returns of principal are guaranteed at maturity, regardless of asset performance.
Share of Returns	Sukuk holders share in the profits and risks generated by the assets.	Bondholders have no right to share in the profits or assets.

Consideration	Sukuk	Conventional
Nature of Investment	A hybrid instrument combining equity (ownership) and debt	Purely a debt instrument.

What Are the Similarities Between Sukuk and Conventional Bonds?

Despite their differences, Sukuk and conventional bonds share several similarities:

- Both have specific maturity dates.
- Both are tradable securities, meaning they can be sold to willing buyers.
- Both securities can be rated to provide investors with a gauge of risk.

What is a Special Purpose Vehicle (SPV) in Sukuk Transactions?

An SPV is a company incorporated specifically to raise funds through Sukuk for a project. It holds the underlying assets and issues Sukuk certificates to investors, who receive returns based on the performance of those assets.

Categories of Sukuk

Sukuk can be categorized in two main ways:

1. **Product-Based:** Common Sukuk types include Ijara (Lease), Murabaha (Cost-plus-profit sale), Musharaka (Profit & Loss Sharing), Mudaraba (Profit-sharing partnership), Istisna (Manufacturing/Construction financing), and Salam (Forward Sale).
2. **Issuer-Based:** Sukuk can be issued by different entities such as sovereign bodies (government), sub-national authorities (state governments), and corporate bodies.

Sukuk Structuring

The structuring of Sukuk involves packaging pools of Shariah-compliant assets that have been reviewed and approved by Shariah advisers. Sukuk can be structured using various Shariah-compliant contracts, including sale, lease, and profit-sharing agreements, based on the objectives of the issuer and the structure required for the specific project.

Examples of Sukuk Structures

- **Ijara Sukuk:** Based on the leasing of assets. Sukuk holders receive income from the lease.
- **Murabaha Sukuk:** Used for purchasing goods where the seller discloses the cost and profit margin.
- **Musharaka Sukuk:** Based on a partnership structure, where profits and losses are shared among parties based on the capital contribution.

- **Mudaraba Sukuk:** Based on a profit-sharing partnership between capital providers and entrepreneurs.
- **Istisna Sukuk:** Structured to fund construction or manufacturing projects with advance payments.
- **Salam Sukuk:** Used in agriculture, where goods are sold in advance with deferred delivery.

Asset-Backed vs. Asset-Based Sukuk

- **Asset-Backed Sukuk:** Involves a true sale transaction where Sukuk holders own the underlying assets and bear the risks associated with them.
- **Asset-Based Sukuk:** Involves the purchase of assets by the issuer, and Sukuk holders have beneficial ownership but no recourse to the assets in case of default.

How is Income Earned from Sukuk?

The return provided to Sukuk holders comes in the form of profits generated from the underlying assets, such as rental income, sales profit, or a combination of both.

Who Can Invest in Sukuk?

Sukuk is open to a wide range of investors, including:

- Households (individuals and families, both local and foreign).
- Small businesses (e.g., traders, professionals).
- Religious bodies (e.g., mosques, churches).
- Educational institutions (e.g., schools, universities).
- Corporate entities (e.g., banks, insurance companies, pension funds).
- High-net-worth individuals and government agencies.

Benefits of Sukuk

- **Foreign Investment Attraction:** Sukuk allows domestic issuers (sovereigns and corporations) to tap into international markets, thereby attracting foreign direct investment (FDI).
- **Ethical Investment:** Sukuk appeals to both faith-based and conventional investors seeking stable, diversified investments.
- **Economic Development:** Sukuk ensures all financial activity is backed by real economic activity, fostering financial stability and real economic growth.
- **Liquidity:** Sukuk are tradable, offering easy liquidity for investors.
- **Tax-Free Income:** In many jurisdictions, income from Sukuk is tax-free, providing an additional benefit to investors.

Risks of Sukuk

Some of the risks associated with Sukuk include:

- **Interest Rate Risk:** Sukuk returns can be affected by changes in market interest rates.
- **Liquidity Risk:** The absence of a highly liquid secondary market can limit investors' ability to sell Sukuk before maturity.
- **Shariah Negligence Risk:** Failure to adhere to Shariah principles may lead to the loss of asset value.
- **Credit Risk:** Changes in market conditions may affect the creditworthiness of Sukuk issuers.
- **Default Risk:** The risk of non-payment or delayed payment by the issuer.

Conclusion

Sukuk offers a unique and ethical alternative to conventional bonds, enabling investors to participate in financing projects while adhering to Islamic principles. As an asset-backed instrument, Sukuk fosters financial stability, enhances economic growth, and provides an opportunity for ethical investment. With the growing adoption of Sukuk in markets worldwide, it is poised to become a key instrument in shaping the future of global finance.

Portfolio and Investment Management

This chapter focuses on the management of an investment portfolio, considering various investment approaches, strategies, and the practical aspects of trading and selecting equities. It offers valuable insights for both novice and experienced investors seeking to build and manage their portfolios effectively in the Nigerian Capital Market (NGX).

Investors engage in the capital market for various reasons, including generating income, realizing capital growth, or achieving a combination of both. Competent investment management plays a crucial role in achieving the desired returns and meeting an investor's financial goals. The investment industry emphasizes the use of an **Investment Policy Statement (IPS)**. The IPS serves as a roadmap, detailing a client's financial goals, investment preferences, and the guidelines for constructing a portfolio that aligns with these objectives.

An **IPS** provides a comprehensive guide on asset allocation, helping investors and financial advisors decide the proportion of various asset classes in a portfolio. It is crucial that an IPS reflects the investor's return expectations and risk tolerance, ensuring consistency with current market conditions.

Investment Objectives

There are multiple reasons to invest, but profit maximization is generally the primary goal. This can be achieved through conservative, safe investments or by engaging in riskier speculation, depending on the investor's risk appetite and return expectations. Broadly, investors typically aim to:

- **Produce Income:** Regular cash inflows through dividends, interest, or liquidation of capital.
- **Achieve Capital Growth:** Growth in the price of an asset, often through capital appreciation of shares or compounding of interest from fixed-income securities.
- **Combine Income and Growth:** A balanced portfolio aiming to provide both income and capital growth.

Investment objectives can further be categorized based on the purpose of the investment:

- **Maximizing Returns:** Found in collective investment schemes like mutual funds, unit trusts, defined contribution pension schemes, and hedge funds.
- **Matching Future Liabilities:** Includes defined benefit pension funds, life insurance companies, and general insurance companies.

Return Objective

Return is the reward received above the invested capital, and it can be categorized into required and desired returns:

- **Required Return:** The minimum return needed to meet critical goals like future living expenses, children's education, or healthcare.
- **Desired Return:** Aspirational goals like purchasing a second home, funding international travel, etc.

Investment Risks

Risk is inherent in every investment, and it represents the uncertainty of achieving the expected return. Investment risk refers to the probability of an investment failing to meet its expected return, leading to potential losses.

There are various types of risks in investment management:

- **Market Risk:** The risk of losing value due to overall market declines. This type of risk affects most securities when the market experiences downturns.
- **Investment-Specific Risk:** The risk associated with a particular company or sector. It includes issues such as management problems, losses, or external factors specific to the company.
- **Interest Rate Risk:** Affects the value of bonds when there is an increase in interest rates. It also influences fixed-income securities where the income generated decreases with falling interest rates.

- **Default Risk:** The possibility that an issuer will fail to meet its debt obligations.
- **Inflation Risk:** The risk that inflation will erode the real value of returns, especially in fixed-income investments.
- **Currency Risk:** The potential loss due to changes in exchange rates when investing in foreign markets.

Risk-Return Trade-Off

Two fundamental principles govern the relationship between risk and return:

1. The greater the risk, the greater the return expected by investors.
2. The longer money is tied up, the greater the return expected by investors.

In portfolio construction, the goal is to determine the level of risk that an investor is willing to accept and then maximize the return for that level of risk. The investment spectrum includes safe investments like government securities at one end and riskier assets like derivatives and speculative stocks at the other end.

Investment Strategies: Income vs. Capital Growth

Income-Producing Investments: Investments that generate regular cash flow, such as:

- Bank deposits and money market investments
- High-yield bonds
- Mutual funds
- Zero-coupon bonds
- Hedge funds

Capital Growth Investments: These investments focus on increasing the value of assets over time. Suitable options include:

- Equities, both private and publicly listed
- Growth stocks that reinvest earnings rather than paying dividends

Managing Investment Risks

Investment risk is closely tied to an investor's age, time horizon, portfolio size, and risk tolerance. The main ways to manage these risks include:

- **Diversification:** Reducing risk by spreading investments across various asset classes or sectors.
- **Hedging:** Using financial instruments like derivatives to reduce exposure to certain risks.

Types of risks include:

- **Market Risk:** Associated with overall market movements.
- **Investment-Specific Risk:** Linked to individual companies or industries.
- **Interest Rate Risk:** Affects fixed-income instruments like bonds.
- **Inflation Risk:** Reduces the real value of investments, especially in fixed-income instruments.
- **Currency Risk:** Affects returns from international investments due to currency fluctuations.

Portfolio Diversification and Asset Allocation

Diversification is a key technique for managing risk. By investing in a broad mix of uncorrelated securities, overall portfolio risk can be reduced. **Asset allocation (AA)** involves deciding what portion of the portfolio will be invested in different asset classes (e.g., equities, bonds, cash). This decision plays a significant role in determining the overall performance of the portfolio.

The common asset classes include:

- **Equities:** Higher-risk, higher-reward investments, ideal for capital growth.
- **Bonds:** Provide stability and steady income, with less volatility than stocks.
- **Cash and Money Market Instruments:** Provide liquidity and lower returns but offer safety.

Risk Management Techniques

- **Diversification:** Spread investments across various sectors or asset types to reduce exposure to any single risk.
- **Hedging:** Using instruments like options to offset potential losses in the portfolio.

Risk can be classified as:

- **Diversifiable Risk** (specific to a company or asset)
- **Undiversifiable Risk** (market-wide risk)

Therefore, total risk = **Diversifiable Risk + Undiversifiable Risk.**

Portfolio Construction and Rebalancing

Portfolio management involves selecting securities and constructing a portfolio to meet specific investment objectives. A key aspect of portfolio management is **rebalancing**, which ensures that the portfolio's asset allocation remains consistent with the investor's goals.

Rebalancing involves:

- **Assessing the current portfolio:** Determining the proportion of assets in each class (stocks, bonds, etc.).
- **Reallocating:** Buying or selling assets to bring the portfolio back to the desired allocation.

Active vs. Passive Management

Portfolio management can be classified into two broad strategies:

1. **Active Management:** Involves using research, analysis, and expertise to select securities that will outperform the market. Active managers aim to generate returns in excess of market performance.
2. **Passive Management:** This strategy involves tracking a market index rather than trying to outperform it. Passive management is typically more cost-effective as it doesn't require frequent trading or intensive research.



Conclusion


Managing an investment portfolio requires careful planning and ongoing management to ensure that it aligns with the investor's goals, risk tolerance, and financial needs. By understanding the concepts of risk and return, asset allocation, and diversification, investors can make informed decisions to maximize their returns while managing risk effectively. Whether using active or passive management strategies, the key to successful portfolio management in the Nigerian Capital Market lies in careful analysis, strategic planning, and constant monitoring of market conditions.

Glossary of Key Terms

- **Stock Exchange:** An organized financial market where securities are bought and sold at prices governed by the forces of demand and supply. Examples include the Nigerian Stock Exchange (NGX) and the New York Stock Exchange (NYSE).
- **Assets:** An asset is any resource owned by the business, anything tangible or intangible that can be owned or controlled to produce value and is held by a company to produce positive economic value.
- **Guarantor:** A third-party entity that guarantees the obligations of the issuer if they fail to meet the terms of the securities.
- **Index:** A tool that tracks the performance of a group of securities, summarizing data like price or volume.
- **Market Maker:** A firm that continuously buys and sells securities to ensure liquidity in the market.
- **Designated Security:** A security listed on the exchange eligible for market-making activities.
- **Short Selling:** Selling securities not owned by the seller, borrowing them from a broker with an agreement to return them later, typically for a profit.
- **Automated Trading System (ATS):** A computer system designed to match buy and sell orders placed by an authorized trader. It consists of an electronic order book which enables traders to post their buy and sell orders.
- **Balance of Payment (BOP):** A record of one country's trade dealings with the rest of the world, including imports, exports, capital transfers, and investments.
- **Balance Sheet (Statement of Financial Position):** A statement that shows the financial history of a firm at one point in time, typically at the end of a company's fiscal year. It lists a company's assets, liabilities, and equity.

- **Bull Market:** A financial market in which prices are rising or are expected to rise. It is characterized by a widespread belief in the strength of the economy, optimism, and increased investment.
- **Capital Markets:** Systems that provide platforms for trading securities such as shares, government stock, debentures, and corporate bonds, and enable issuers of securities to raise capital. These markets include both primary and secondary markets.
- **Current Account:** The international dealings in goods and services, which includes trade in goods, services, and income received or paid across borders.
- **Disposable Income:** Income available under the discretionary use of the household sector for consumption or saving. It is the amount of income left after taxes and other mandatory expenses.
- **Dividend:** A payment made to shareholders out of the profits of the company. Dividends are usually distributed in cash or as additional shares.
- **Economy:** An interactive system of production, distribution, and consumption of resources, goods, and services that addresses the basic economic problem of scarcity and aims to allocate limited resources for satisfying unlimited wants.
- **Exports:** Goods purchased by the foreign sector that are produced by the domestic economy. Exporting goods and services can contribute to a country' economic growth.
- **Forward Contract:** A customized contract between two parties to buy or sell an asset at a specified price on a future date. These contracts are traded over-the-counter (OTC) and are not standardized.
- **Futures Contract:** An agreement to buy or sell a specific asset, commodity, or notional asset at a set date in the future at a price determined at the time the contract is made. Unlike forwards, futures are standardized and traded on exchanges.
- **GDP per Capita:** Gross Domestic Product divided by the population. It provides an average economic output per person in the economy and is often used as a measure of living standards.

- **Gross Domestic Product (GDP):** The total market value of all final products and services produced within a country during a specific time period. It is a key indicator used to gauge the economic health of a country.
- **Gross National Product (GNP):** Measures the total value of all goods and services produced by a country's residents, regardless of whether the production occurs within or outside the country's borders.
- **Inflation:** A general rise in prices for products and services. Inflation reduces the purchasing power of money and affects economic decisions, such as savings and investments.
- **Liabilities:** A company's legal financial debts or obligations that arise during the course of business operations. These can be in the form of loans, accounts payable, or bonds.
- **Limited Liability:** A rule in private companies where shareholders are legally responsible for its debts only to the extent of the amount of capital they invested. This protects individual shareholders from personal financial loss beyond their investment.
- **Margin Buying:** Buying shares on credit, with the initial outlay being a fraction of potential losses or gains due to low interest rates. This allows investors to leverage their positions by borrowing money from a broker.
- **Market Capitalisation (Market Cap):** The total market value of a company's outstanding shares. It is calculated by multiplying the current market price of a share by the total number of outstanding shares.
- **Money Laundering:** The process of feeding ill-gotten money into the financial system to make it seem legitimate. It typically involves complex transactions or investments to obscure the illegal origin of the money.
- **Net Exports:** The difference between exports and imports. A positive net export figure indicates that a country exports more than it imports, while a negative figure suggests the opposite.
- **Bonds:** Debt securities issued by corporations, governments, or other entities to raise capital. Bondholders are paid periodic interest and the principal at maturity.

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- **Securities:** Financial instruments that represent ownership (such as stocks) or a creditor relationship (such as bonds) with an entity. They are traded in the financial markets.
 - **Debenture:** A type of debt instrument that is unsecured by collateral. Companies issue debentures as a way to raise capital, promising repayment with interest over time.
 - **Interest Rate:** The cost of borrowing money or the return on investment for lenders. Interest rates can fluctuate based on monetary policy, inflation expectations, and economic conditions.
 - **Initial Public Offering (IPO):** The process by which a private company offers shares to the public for the first time. This helps the company raise capital and transition to public ownership.
 - **Liquidity:** The ease with which an asset can be converted into cash without significantly affecting its market price. High liquidity means that assets can be bought or sold quickly.
 - **Volatility:** A statistical measure of the dispersion of returns for a given security or market index. Higher volatility indicates a higher level of risk.
 - **Yield:** The return on an investment, typically expressed as a percentage, based on the income generated by the investment (such as dividends or interest) relative to its cost or market price.
 - **Risk Premium:** The return above the risk-free rate that investors require to compensate for the risk of a particular investment.
 - **Private Equity:** Investments made in private companies (not publicly traded) in the form of equity shares, often with the goal of achieving significant growth before the company is publicly listed or sold.



References

- Securities and Exchange Commission of Nigeria Website: Investor Education Portal - www.sec.gov.ng
- Nigerian Exchange Group (NGX) Website - <https://ngxgroup.com/>
- Dunham L.M and Singal V. Equity Securities: Chapter10 Investment Foundation Curriculum CFA Institute.
- Rockefeller D. Technical Analysis Stoffel Esterhuysen.
- Stock Market Investment Course, The London School of Investment (no date)
- Kamar, F., et'al (2015). Islamic Financial System (Principles & Operation)
- Mirakhor, A., et'al (2016). Islamic Capital Market (Principles & Practice)
- Ethica Institute of Islamic Finance, (2019). Handbook of Islamic Finance. Available via: <https://www.ethicainstitute.com/>
- Muhammad Azhar, J., (2010). Islamic Capital Market: Sukuk and its Risk Management in the Current Scenario. Available Via: <https://pdfs.semanticscholar.org/e99e/93ad349697c996b221b8c52addc11048e583.pdf> (Retrieved: 12.11.2019)
- Investopedia Website - <https://www.investopedia.com>
- Nwankwo, G. O. (1991). Money and Capital Markets in Nigeria Today. University of Lagos Press.
- Oshikoya, T., Durosinmi-Etti, O. (2021). Frontier Capital Markets and Investment Banking: Principles and Practice from Nigeria. Routledge.
- Donwa, P., & Odia, J. (2010). An Empirical Analysis of the Impact of the Nigerian Capital Market on Her Socio-economic Development. Journal of Social Sciences, 24(2), 135-142.
- PwC Nigeria. (2024). Nigerian Capital Market Update.
- Otey, A. (2010). The Nigerian Capital Market: Developments, Issues, and Policies.

For more:
Contact Us



Patrick Muzondo
Financial Markets Indaba
Email: patrick@indabaafrica.com
Mobile: +44 740 302 8532
Website: www.indabaafrica.com

Uduak Emmanuell
Core International
Email: uduak@c-imm.com
Mobile: +234 70 357 7688
Website: www.c-imm.com