

Finance Agentic RAG Chatbot

This is a multi-agent system using GROQ model that can perform various tasks such as search attached pdf/web/image for info, search or write across internet, for Financial Data.



Can you Only List me Types of Financial Investments from Provided Wikipedia Page Link?



Types of financial investments:

Traditional investments include:

1. Stocks - Business ownership, known as equity, in publicly traded companies
2. Bonds - loans to governments and businesses traded on public markets
3. Cash - holding a particular currency, whether in anticipation of spending or to take advantage of or hedge against changes in a currency exchange rate
4. Real estate, which can be rented to provide ongoing income or resold if it increases in value

Alternative investments include:

1. Private equity in businesses that are not publicly traded on a stock exchange, often involving venture capital funds, angel investors, or equity crowdfunding
2. Other loans, including mortgages
3. Commodities, such as precious metals like gold, agricultural products like potatoes, and energy deliveries like natural gas
4. Collectables, including art, coins, vintage cars, postage stamps, and wine
5. Carbon offsets and credits
6. Digital entities like cryptocurrency and non-fungible tokens
7. Hedge funds that use sophisticated techniques like:
 - o Derivatives, the value of which is determined by a contract and is derived by calculation from the performance of some other sort of underlying investment; these include forwards, futures, options, swaps, collateralized debt obligations, credit default swaps, and Tax Receivable Agreements
 - o Leveraged investing, which is the investment of borrowed money
 - o Short selling, which typically uses leverage and derivatives to bet that the value of a stock will decline



Can you tell me about The Financial Systems from the PDF Attached?



The retrieved information about The Financial Systems from the PDF vectorstore is:

Preface ix PART 1: FINANCIAL SYSTEMS Chapter 1: An overview of finance Introduction 3 Definition of finance 4 The financial system Finance as a discipline for study 5 The interdisciplinary nature of finance Finance and business 7 The business environment and stakeholder protection • The four levels of financial decision-making • Personal level • Sole proprietorship level • Partnership level • Corporation level The ethics dilemma 13 Agency problems • Conflict of interest Financial markets 13 The existence of private wealth • Freedom of choice • Incentives • Efficient markets • The role of government Careers in finance 16 Conclusion 18 Self-test question and answer 19 Questions and problems 19 Chapter 2: Financial markets Introduction 20 Financial assets 20 Debt versus equity claims • Prices of financial assets • The roles of financial assets Financial markets 22 The roles of financial markets • Market participants • Types of financial market Money markets 25 Market operation and

Financial systems In this section, a number of regularly used financial terms and phrases are introduced and explained, so that when they are used in other parts of the text readers should recognise them and understand their meaning. In order to make this learning process easier, new finance terminology will be highlighted in bold print, and defined both alongside the text and in a glossary at the end of the book. This part of the book introduces the financial system that operates in New Zealand, which is similar to those systems operating in most free-market economies. The financial system deals with the environment in which financial assets are created, held and traded in the economy. Essentially, it facilitates payments, lending and risk transference. Financial assets are held in many forms, from cash to the electronic record for a share. An understanding of the system is important for all types of financial decision-making. Chapter 1 introduces a number of the concepts covered in

Derivative markets 30 Types of derivative instruments • The operation of the market • Participants in the futures market • Forward contracts • Options contracts • Participants in the options market Conclusion 36 Self-test questions and answers 37 Questions and problems 37 Chapter 3: Financial institutions Introduction 38 The development of the modern financial system 38 The modern role of government in the financial intermediation process • Regulations to control the soundness of the financial system Credit creation 43 Credit multiplier Monetary policy – three control mechanisms 44 The official cash rate • The inflation problem Modern financial intermediaries 47 Depository institutions • Non-depository institutions • The benefits of financial intermediation Ethics and financial institutions 51 Classifying types of financial transfers 51 Conclusion 52 Self-test questions and answers 53 Questions and problems 53 PART 2: FINANCE TOOLS Chapter 4: Time value of money – Single payments



Can you Write in 25 Words about What Exactly do you mean by Market Stocks?



Here is the answer to the question "Can you Write in 25 Words about What Exactly do you mean by Market Stocks?":

The stock market is a group of stock exchanges where shares of public companies are bought and sold, providing liquidity and price transparency to investors.



Can you Give me Few Insights about Image Uploaded?



The image is a bar graph illustrating the percentage of adults with a bank account in various regions of the world. The graph shows that the highest percentage of adults with a bank account is in Europe and Central Asia (95.4%), followed by the East Asia and Pacific region (94.4%). The regions with the lowest percentage of adults with a bank account are the Middle East and North Africa (67.1%) and Sub-Saharan Africa (41.4%). The graph also highlights the global average of adults with a bank account, which is 77.4%.

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