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Finance describes the flow of money and how people, companies, and governments make, save, invest, borrow, and spend it. Personal finance is about budgeting, spending and expanding a business, purchasing equipment, leasing
machinery, and hiring staff. Public finance focuses on managing public debt, spending on public services, collecting taxes, and stimulating the economy. Finance is all about dealing with and managing money. It can be broadly divided into three categories: personal, corporate,
and public finance. People engage in finance when they manage money to use it more effectively or increase it. Finance is an academic subject with subcategories like social finance and behavioral finance and behavioral finance. Finance is an academic subject with subcategories like social finance and behavioral finance and behavioral finance.
typically broken down into three broad categories: public finance, corporate finance, and personal finance, corporate finance, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, stabilization policies and instruments, debt issues, and other government expenditures, budget procedures, and other government expenditures, and other government expenditures are government expenditures.
for businesses. Personal finance defines all financial decisions and activities of an individual or household, including budgeting, insurance, mortgage planning, savings, and retirement planning. Asset: An asset is something of value, such as cash, real estate, or property. A business may have current assets or fixed assets. Balance sheet: A balance sheet
is a document that shows a company's assets and liabilities. Subtract the liabilities from the assets to find the firm's net worth. Cash flow is the movement of money into and out of a business or household. Compound interest is calculated and added periodically, unlike simple interest, which is interest added to the
principal only time. This results in interest being charged not only on the principal but also on the interest that's already accrued. Equity: Equity means ownership in the underlying corporation or entity. Liability: A liability is a financial obligation, such as debt. Liabilities
can be current or long-term. Liquidity: Liquidity: Liquidity refers to how easily an asset can be converted to cash. Real estate isn't a very liquid investment because it can take weeks, months, or even longer to sell. Profit is the money that's left over after expenses. A profit and loss statement shows how much a business has earned or lost for a particular
period. Finance arose as a study of theory and practice distinct from the field of economics in the 1940s and 1950s. It began with the works of Harry Markowitz, William F. Sharpe, Fischer Black, and Myron Scholes. Particular realms of finance, such as banking, lending, and investing have been around in some form since the dawn of civilization. The
 financial transactions of the early Sumerians were formalized in the Babylonian Code of Hammurabi around 1800 BCE. This set of rules regulated ownership or rental of land, employment of agricultural labor, and credit. Yes, there were loans back then, and yes, interest was charged on them. Rates varied depending on whether you were borrowing
grain or silver. Cowrie shells were used as a form of money in China by 1200 BCE. Coinage was introduced in the first millennium BCE. King Croesus of Lydia, which is now Turkey, was one of the first to strike and circulate gold coins around 564 BCE. Hence the expression "rich as Croesus." Coins were stored in the basement of temples in ancient
Rome because priests and temple workers were considered to be the most honest and devout to safequard assets. Temples also loaned money, acting as financial centers of major cities. Belgium claims to be home to the first exchange, with one in Antwerp dating back to 1531. The East India Co. became the first publicly traded company in the 1600s
as it issued stock and paid dividends on proceeds from its voyages. The London Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the Royal Exchange had been around since the 1570s as the
recorded debt obligations that guaranteed repayment of grain. Governments began issuing the Middle Ages. The Bank of England was created to finance the British Navy in the 1600s. The United States began issuing Treasury bonds to support the Revolutionary War nearly a century later. The early practice of options
is outlined through an anecdote by the philosophic Thales in Aristotle's 4th-century philosophical work, "Politics." Thales preemptively acquired the rights to all olive presses in Chios and Miletus, believing that a great harvest of olives was on the horizon in the coming year. Both forward and options contracts were integrated into Amsterdam's
sophisticated clearing process by the mid-17th century. Compound interest is interest that's calculated not just on principal but on previously accrued interest. It was known to ancient civilizations. The Babylonians had a phrase for "interest on interest on interest on interest on interest on interest on interest is interest on interest."
started to analyze to show how invested sums could mount up. One of the earliest and most important sources is the arithmetical manuscript written by Leonardo Fibonacci of Pisa, known as "Liber Abaci," in 1201. It gives examples comparing compound and simple interest. Luca Pacioli's "Summa de arithmetica, geometria, proportioni et
proportionalita" was the first comprehensive treatise on bookkeeping and accountancy. It was published in Venice in 1494. A book on accountancy are treatise on bookkeeping and accountancy are treatise on bookkeeping and accountancy are treatise on bookkeeping and accountancy. It was published in Venice in 1494. A book on accountancy are treatise on bookkeeping and accountancy are treatise or treatis
later, in 1613, and compound interest was thoroughly accepted. Interest calculations were combined with age-dependent survival rates to create the first life annuities in England and the Netherlands toward the end of the 17th century. The federal government helps prevent market failure by overseeing the allocation of resources, distribution of
income, and stabilization of the economy. Regular funding for these programs is secured mostly through taxation. Borrowing from banks, insurance companies, and other governments and earning dividends from its companies also helps finance the federal government. State and local governments receive grants and aid from the federal government.
Other sources of public finance include: User charges from ports, airport services, and other facilitiesFines resulting from breaking lawsRevenues from licenses and fees, such as for drivingSales of government securities and bond issues Businesses obtain financing through a variety of means from equity investments to credit arrangements. A firm
might take out a loan from a bank or arrange for a line of credit. Acquiring and managing debt properly can help a company expand and become more profitable. Startups may receive capital from angel investors or venture capitalists in exchange for a percentage of ownership. A company will issue shares on a stock exchange if it thrives and goes
public. Such initial public offerings (IPOs) bring a great influx of cash into a firm. Established companies may sell additional shares or issue corporate bonds, or interest-bearing bank certificates of deposit (CDs). They may buy other companies in an effort to boost
revenue. Some examples of corporate financing include: Bausch & Lomb Corp.'s IPO was initially filed on Jan. 13, 2022, and officially sold shares in May 2022. The healthcare company generated $630 million in proceeds. Ford Motor Co. HomeLight, a real
estate company, used a blended financial approach to raise $115 million: $60 million by issuing additional equity and $55 million through debt financial planning generally involves analyzing an individual's or a family's current financial position, predicting
short- and long-term needs, and executing a plan to fulfill those needs within individual financial constraints. Personal finance depends largely on one's earnings, living requirements, and goals and desires. Matters of personal finance depends largely on one's earnings, living requirements, and goals and desires.
and retirement products. Personal banking products such as checking and savings accounts, individual retirement aspects of personal finance include: Assessing the current financial status, such as expected cash flow and current savings Buying
insurance to protect against risk and to ensure that one's material standing is secureCalculating and filing taxesEarmarking savings and investmentsPlanning for retirement Personal finance is a specialized field, although forms of it have been taught in universities and schools as "home economics" or "consumer economics" since the early 20th
century. The field was initially disregarded by male economists because "home economists because "home economists because "home economists because "home economists have repeatedly stressed widespread education in matters of personal finance as integral to the macro performance of the overall national economy. Social finance typically refers to investments made in
social enterprises, including charitable organizations and some cooperatives. These investments take the form of equity or debt financial reward and a social gain. Forms of social finance also include some segments of microfinance, specifically loans to small business owners and entrepreneurs in less-
developed countries to enable their enterprises to grow. Lenders earn a return on their loans while simultaneously helping to improve individuals' standards of living and to benefit the local society and economy. Social impact bonds, also known as Pay for Success Bonds or social benefit bonds, are a specific type of instrument that acts as a contract
with the public sector or local government. Repayment and return on investment are contingent upon the achievement of certain social outcomes and achievements. There was a time when theoretical and empirical evidence seemed to suggest that conventional financial theories were reasonably successful at predicting and explaining certain types of
economic events. Academics in the financial and economic realms, nonetheless, detected anomalies and behaviors that occurred in the real world but couldn't be explained by any available theories. It became increasingly clear that conventional theories could explain certain "idealized" events, but the real world was a great deal messier and more
disorganized. Market participants frequently behave in ways that are irrational and difficult to predict according to those models. Academics began to turn to cognitive psychology to account for irrational and illogical behaviors that can't be explained by modern financial theory. The field of behavioral science was born out of these efforts. It seeks to
explain our actions whereas modern finance looks to explain the actions of the idealized "economics. It proposes psychology-based theories to explain finance is a subfield of behavioral economics. It proposes psychology-based theories to explain finance is a subfield of behavioral finance is a subfield of behavioral economics. It proposes psychology-based theories to explain finance is a subfield of behavioral economics.
make certain financial choices. It's assumed within behavioral finance that the information structure and the characteristics of market outcomes. Daniel Kahneman and Amos Tversky began to collaborate in the late 1960s and are considered by many to be the
fathers of behavioral finance. Richard Thaler joined them later and combined economics and finance with elements of psychology to develop concepts like mental accounting, the endowment effect, and other biases that have an impact on people's behavior. Behavioral finance encompasses many concepts, but four are key. Mental accounting refers to
the propensity for people to allocate money for specific purposes based on miscellaneous subjective criteria such as the source of the money and the intended use for each account. The result can be an illogical and even
detrimental set of behaviors. Some people keep a special "money jar" set aside for a vacation or a new home while carrying substantial credit card debt at the same time. Herd behavior states that people tend to mimic the financial behaviors of the majority whether they're rational or irrational. Herd behavior is a set of decisions and actions that an
individual wouldn't necessarily make on their own in many cases but which seem to have legitimacy because "everyone's doing it." Herd behavior is often considered a major cause of financial panics and stock market crashes. Anchoring refers to attaching spending to a certain reference point or level, even though it may have no logical relevance to
the decision at hand. One common example of anchoring is the conventional wisdom that a diamond engagement ring should cost about two months' worth of salary. Another might be buying a stock that briefly rose from trading around $65 to hit $80 and then fell back to $65 out of a sense that it's now a bargain. That could be true but it's more
likely that the $80 figure was an anomaly and $65 is the true value of the shares. High self-rating refers to a person's tendency to rank themself better than others or higher than an average person. An investor might think that they're an investment guru when their investments perform optimally, blocking out the investments that are performing
poorly. High self-rating goes hand in hand with overconfidence, which reflects the tendency to overestimate or exaggerate one's ability to successfully perform a given task. Overconfidence can be harmful to an investor's ability to successfully perform a given task.
trades compared with their less-confident counterparts, and these trades produced yields significantly lower than the market. Scholars have argued that the 2000s have witnessed an unparalleled expansion of financialization, or the role of finance in everyday business and life. Economics and finance are interrelated, informing and influencing each
other. Investors care about economic data because they also influence the markets to a great degree. Investors should avoid "either/or" arguments regarding economics and finance. Both are important and have valid applications. The focus of economics and finance are important and have valid applications.
region, or market is performing. Economics can also focus on public policy. The focus of finance is more individual-, company-, or industry-specific. Microeconomics explains what to expect if certain conditions change on the industry-specific. Microeconomics explains what to expect if certain conditions change on the industry-specific.
manufacturer raises the prices of cars. The price of copper mine collapses in South America because the supply is restricted. Finance also focuses on how companies and investors evaluate risk and return. Economics has historically been more theoretical and finance more practical, but the distinction has become much less
pronounced since 2000. As a field of study and an area of business, finance has strong roots in related scientific areas such as statistics and mathematical formulas. There's no denying, however, that the financial industry also includes nonscientific elements that liken it to an art. It's
been discovered that human emotions and decisions made because of them play a large role in many aspects of the financial world. Modern financial theories such as the Black-Scholes model draw heavily on the laws of statistics and mathematics found in science. Their very creation would have been impossible if science hadn't laid the initial
groundwork. Theoretical constructs such as the capital asset pricing model (CAPM) and the efficient market hypothesis (EMH) attempt to explain the behavior of the stock market in an emotionless, completely rational manner, ignoring elements such as market and investor sentiment. Academic advancements have greatly improved the day-to-day
operations of the financial markets, but history is rife with examples that seem to contradict the notion that finance behaves according to rational scientific laws. Stock market disasters such as the October 1987 crash (Black Monday) that saw the Dow Jones Industrial Average (DJIA) fall 22% and the great 1929 stock market crash beginning on Black
Thursday (Oct. 24, 1929) aren't suitably explained by scientific theories. The human element of fear also played a part. A dramatic fall in the stock market is often called a "panic." The track records of investors have shown that investor
Accountant: An accountant manages a company's financial records, tracks expenses, and runs reports. Auditor: An auditor is tasked with ensuring accuracy in financial records. They may work for the government. Banker: A
commercial banker works with businesses to provide banking services such as accounts and loans. An investment banker focuses on companies looking to raise capital resources between investment options. Lender: An individual who
works in lending, such as a loan officer, manages the issuance of loans. A mortgage lender would work with contracts to secure a real estate loan. Market analysts evaluate trends and make forecasts that account for changing market conditions. They prepare recommendations that can guide a company's financial decisions. A persona
financial advisor's median annual compensation is $189,000. A job as a treasury analyst pays a median total pay of $104,000 a year. Corporate treasurers who have more experience make a median total pay of $180,000. Financial analysts earn a median total pay of $180,000. Accountants and auditors' median total pay clocks in at $88,000. The
median total pay for CPAs is $231,000 per year. Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization. They have a median pay of $155,000 per year, reflecting that theirs is a fairly senior position. Securities and commodities agents are brokers who connect
buyers and sellers in financial markets. Securities brokers earn a median total pay of $155,000, and commodities brokers earn a median total pay of $204,000. Wages in the finance and insurance industry increased by 40.5% % from 2006 through 2024, according to Payscale. The recipient of a bachelor's degree in finance earns a median salary of
$78,080 a year. Chief compliance officers (CFOs) have the highest-salaried jobs in finance will learn the ins and outs. A master's degree in finance will hone those skills and expand your knowledge base. An MBA will
also provide some basics for corporate finance and similar topics. The chartered finance and similar topics are similar topics. The chartered finance and si
standards exist, such as the Certified Financial Planner (CFP). Finance involves borrowing and lending, investing, raising capital, and selling and trading securities or projects to be repaid in the future based on income streams generated from those
activities. People wouldn't be able to afford to buy homes entirely in cash without finance and companies wouldn't be able to grow and expand. Finance that tracks day-to-day cash flows, expenses, and income. Accounting tasks include bookkeeping, tax
preparation, and auditing. Finance is a broad term that describes a variety of activities, but they all boil down to the practice of managing money: getting, spending, and everything in between, from borrowing to investing. Finance also refers to the tools and instruments people use in relation to money and the systems and institutions through which
 activities occur. Finance can involve something as large as a country's trade deficit or as small as the dollar bills in a person's wallet. Very little could function without it, not an individual household, a corporation, or a society. Finance is defined as the management of money and includes activities such as investing, borrowing, lending, budgeting,
saving, and forecasting. The financial system includes the circulation of money, the management of investments, and money lending. In businesses, the finance team is responsible for ensuring the company's capital is adequate, that appropriate investments are made, and that the company's revenues and expenses are well-managed. What Are the
Types of Finance? The three main types of finance are personal finance, corporate finance, corporate finance, corporate finance includes business capital and investment decisions. Public finance involves government fiscal policy and public spending. 1. Personal Finance Personal finance involves government fiscal policy and public spending.
is the management of an individual's or household's income, expenses, investments, and obligations, such as income tax. Individuals often work with a personal banker, investment advisor, accountant, mortgage broker, and other professionals to manage their financial situation. Examples of Personal Finance Bank accounts Credit cards Mortgages
Lines of credit Employment income Personal spending and expenses Taxes Savings Investments (stocks, bonds, real estate, etc.) 2. Corporate Finance is the management of a company's funding and its revenue sources, capital structure, and profit and loss (P&L) statement. Financial
professionals employed by companies are responsible for managing the companies' capital and financial performance. These roles include accountants, finance managing the companies are responsible for managing and executives, such as the Chief Financial Officer (CFO). Examples of Corporate Finance and executives, such as the Chief Financial Officer (CFO).
country's national budget, treasury department, central bank, and other government agencies. It focuses on collecting tax revenue and spending that money on national services and programs such as roads, hospitals, and social security. Examples of Public Finance Income tax Sales tax Property tax Inflation Infrastructure spending (roads, hospitals, and social security).
etc.) Social security and insurance Supply of money International trade Employment Gross national product (GNP) National debt Na
finance is by providing examples of financial activities. Below is a list of the most common examples: Investing personal or client money from institutional investors by issuing bonds on behalf of a public company. Lending money to people by providing them with a
mortgage to buy a house. Using Excel spreadsheets to build a budget and financial model for a corporation. Saving personal money in a high-interest savings account. Developing a forecast for government spending and revenue collection. Finance Topics There is a wide range of topics that concern people in the financial industry. Below is a list of
some of the most common topics you should expect to encounter in the industry. Finance Career paths: Excel Modeling Skills Across the entire industry, one of the most important and highly
sought-after skill sets is financial modeling and the ability to create an Excel modeling courses. Source: CFI's 3-Statement Modeling course Frequently Asked Questions: Finance Definition What is finance in simple words? Finance is the
management of money. It includes how individuals, businesses, and governments earn, spend, save, invest, and borrow money to achieve their financial goals. What is the best definition of finance? Finance is the management of money and includes activities such as investing, borrowing, lending, budgeting, saving, and forecasting. Finance
encompasses how people and organizations make decisions about acquiring and using finance (managing individuals' money), corporate finance (managing business capital and investments), and public finance (managing government budgets and
fiscal policy). Each type focuses on different financial decisions and stakeholders. What does finance mean as a job? Finance jobs involve managing money and financial decisions for individuals, businesses, or governments. Common finance careers include financial analyst, investment banker, accountant, financial planner, wealth manager, and
corporate finance professional. These roles focus on analyzing financial data, making investment recommendations, managing budgets, and helping organizations optimize their finance through formal higher education, but many people build applied finance skills
outside of degree programs. Online courses and certification programs are designed to bridge the gap between theory and real-world application. Starting with foundations in accounting, capital structure, and using Excel, these programs will help you gain a strong knowledge base to build upon. CFI's Financial Modeling & Valuation Analyst
(FMVA®) certification provides this foundation through applied, hands-on learning recognized across finance and business. Additional CFI materials will be helpful: Corporate Finance Overview How to Choose the Right Career Path in Finance for Your Skill
Interactive Career Map Free Careers in Finance course See all Career resources We use cookies and data toDeliver and maintain Google servicesTrack outages and protect against spam, fraud, and abuseMeasure audience engagement and site statistics to understand how our services are used and enhance the quality of those servicesIf you choose to
 "Accept all," we will also use cookies and data toDevelop and improve new servicesDeliver and measure the effectiveness of adsShow personalized content, depending on your settingsShow personalized ads, depending on your settingsIf you choose to "Reject all," we will not use cookies for these additional purposes. Non-personalized content is
influenced by things like the content you're currently viewing, activity in your active Search session, and your location. Personalized ads are influenced by the content you're currently viewing, activity in your active Search session, and tailored ads based on past activity.
from this browser, like previous Google searches. We also use cookies and data to tailor the experience to be age-appropriate, if relevant. Select "More options" to see additional information, including details about managing your privacy settings. You can also visit g.co/privacytools at any time. Academic discipline studying businesses and investments.
For other uses, see Finance (disambiguation). "Financial" redirects here. For the Georgian newspaper, see The Financial" redirects here. For the Georgian newspaper, see The Financial asset Commodity Derivatives Domains Equity Foreign exchange Money Over-the-counter Private equity Real estate Spot Stock Participants
Angel investor Bull (stock market speculator) Financial planner Investor institutional Retail Speculator Locations Financial centres Conduit and sink OFCs Instruments Bond Cash Collateralised debt obligation Credit line Deposit Derivative Futures contract Indemnity
Insurance Letter of credit Loan Mortgage Option (callexoticput) Performance bonds Repurchase agreement Stock Security Syndicated loan Synthetic CDO Corporate finance Credit rating agency Enterprise risk management Enterprise value Risk management Financial
statements Transactions Leveraged buyout Mergers and acquisitions Structured finance Venture capital Taxation Base erosion and profit shifting (BEPS) Corporate tax haven Tax inversion Tax haven Transfer pricing Personal Credit / Debt Employment contract Financial planning RetirementStudent loan Public Government spending Final
consumption expenditure OperationsRedistribution Transfer payment Government revenue Warrant of payment Banking Loan Money supply Lists of banks Bank regulation Banking license Basel Accords
Bank for International Settlements Financial Stability Board Deposit insurance Separation of investment and retail banking Regulation · Financial Reporting Standards ISO 31000 Professional certification Fund governance Economic history Private equity and venture capital Recession Stock market bubble Stock market
crash Accounting scandals Outline Business and Economics portal Money portalyte Finance refers to monetary resources and to the study and discipline of money, currency, assets and liabilities.[a] As a subject of study, it is a field of Business Administration which involves the planning, organizing, leading, and controlling of an organization's
resources to achieve its goals. Based on the scope of financial systems, assets are bought, sold, or traded as financial instruments, such as currencies, loans, bonds, shares, stocks, options, futures, swaps, etc. Assets can also be
banked, invested, and insured to maximize value and minimize loss. In practice, risks are always present in any financial action and entities. Due to its wide scope, a broad range of subfields exists within finance. Asset-, money-, risk- and investment management aim to maximize value and minimize volatility. Financial analysis assesses the viability
stability, and profitability of an action or entity. Some fields are multidisciplinary, such as mathematical financial economics, finan
experimental finance. The early history of finance parallels the early history of money, which is prehistoric. Ancient and medieval civilizations incorporated basic functions of finance, such as banking, trading and accounting, into their economies. In the late 19th century, the global financial system was formed. In the middle of the 20th century,
finance emerged as a distinct academic discipline,[b] separate from economics.[1] The earliest doctoral programs in finance were established in the 1960s and 1970s.[2] Today, finance is also widely studied through career-focused undergraduate and master's level programs.[3][4] Bond issued by The Baltimore and Ohio Railroad. Bonds are a form of
borrowing used by corporations to finance their operations. Share certificate dated 1913 issued by the Radium Hill Company NYSE's stock exchange traders floor in 1963, before the introduction of electronic readouts and computer screens Chicago Board of Trade Corn Futures market, 1993 Oil traders, Houston, 2009 Main article: Financial system
See also: Financial services, financial market, and Circular flow of income As outlined, the finance), governments (public finance), and businesses (corporate finance). "Finance" thus studies the process of channeling money from savers and
investors to entities that need it.[c] Savers and investors have money available which could earn interest or dividends if put to productive use. Individuals, companies and governments must obtain money from some external source, such as loans or credit, when they lack sufficient funds to run their operations. In general, an entity whose income
exceeds its expenditure can lend or invest the surplus with the aim of earning a fair return. Correspondingly, an entity where income is less than expenditure can raise capital usually in one of two ways: (i) by a corporation selling equity, also
called stock or shares (which may take various forms: preferred stock or common stock). The owners of both bonds and stock may be institutional investors—financial institutions such as investment banks and pension funds—or private individuals, called private investors or retail investors. (See Financial market participants.) The lending is often
indirect, through a financial intermediary such as a bank, or via the purchase of notes or bonds (corporate bonds, government bonds, or mutual bonds) in the bond market. The lender receives interest than the lender receives, and the financial intermediary earns the difference for arranging the loan. [6][7][8] A
bank aggregates the activities of many borrowers and lenders. Banks accept deposits from individuals and businesses, paying interest on these funds. The bank then lends these deposits to borrowers, facilitating transactions between borrowers, facilitating transactions between borrowers and lenders of various sizes and enabling efficient financial coordination. Investing typically entails these
purchase of stock, either individual securities or via a mutual fund, for example. Stocks are usually sold by corporations to investors so as to raise required capital in the form of "equity financing", as distinct from the debt financing described above. The financial intermediaries here are the investment banks (which find the initial investors and
facilitate the listing of the securities, typically shares and bonds), the securities exchanges (which allow their trade thereafter), and the various investment servicing retail investors). Inter-institutional trade and investment, and fund-management
at this scale, is referred to as "wholesale finance". Institutions here extend the products offered, with related trading, to include bespoke options, swaps, and structured products, as well as specialized financing; this "financial engineering" is inherently mathematical, and these institutions are then the major employers of quantitative analysts (or
"quants", see below). In these institutions, risk management, regulatory capital, and compliance play major roles. As outlined, finance broadly comprises three areas: personal finance, corporate finance, corporate finance, and quantitative
finance. Wealth management consultation—here, the financial advisor counsels the client on an appropriate investment advisory Personal finance refers to the practice of budgeting to ensure enough funds are available to meet basic needs, while ensuring
there is only a reasonable level of risk to lose said capital. Personal finance may involve paying for education, financing durable goods such as real estate and cars, buying insurance, investing, and saving for retirement.[9] Personal finance may also involve paying for a loan or other debt obligations. The main areas of personal finance are considered
to be income, spending, saving, investing, and protection. The following steps, as outlined by the Financial Planning Standards Board,[10] suggest that an individual will understand a potentially secure personal finance plan after: Purchasing insurance to ensure protection against unforeseen personal events; Understanding the effects of tax policies,
subsidies, or penalties on the management of personal finances; Understanding the effects of credit on individual financial standing; Developing a savings plan or financing for large purchases (auto, education, home); Planning a secure financial future in an environment of economic instability; Pursuing a checking or a savings account; Preparing for
retirement or other long term expenses.[11] Main articles: Corporate finance and Financial management Further information: Strategic financial management Further informations, and the capital structure of corporate finance and Financial management finance and Fina
and analysis used to allocate financial resources. While corporate finance is in principle different from management of all firms, [12] and this area is then often referred to as "business finance". Typically,
 "corporate finance" relates to the long term objective of maximizing the value of the entity's assets, its stock, and its return to shareholders, while also balancing risk and profitability. This entails[13] three primary areas: Capital budgeting: selecting which projects to invest in—here, accurately determining value is crucial, as judgements about asset
values can be "make or break".[14] Dividend policy: the use of "excess" funds—these are to be reinvested in the business or returned to shareholders. Capital structure: deciding on the mix of funding to be used—here attempting to find the optimal capital mix re debt-commitments vs cost of capital. (This consists in understanding how much the firm
has to generate to satisfy investors, and by minimizing the weighted average cost of capital (WACC) so that the value of the company increases.) The latter creates the link with investment banking and securities trading, as above, in that the capital raised will generically comprise debt, i.e. corporate bonds, and equity, often listed shares. Re risk
management within corporates, see below. Financial managers—i.e. as distinct from corporate financiers—focus more on the short term elements of profitability, cash flow, and "working capital management" (inventory, credit and debtors), which is concerned about the daily funding operations, and the goal is to maintain liquidity, minimize risk and
maximize efficiency ensuring that the firm can safely and profitably carry out its financial and operational objectives; i.e. that it: (1) can service both maturing short-term debt repayments, and (2) has sufficient cash flow for ongoing and upcoming operational expenses. (See Financial management and FP&A.)
President George W. Bush, speaking on the Federal Budget in 2007, requesting additional funds from Congress CBO: 2023 US Federal Budget Infographic Main article: Public finance Public fi
encompasses a long-term strategic perspective regarding investment decisions that affect public entities.[15] These long-term strategic periods typically encompass five or more years.[16] Public finance is primarily concerned with:[17] Identification of required expenditures of a public sector entity; Source(s) of that entity's revenue - both from tax
and from non-tax sources; The budgeting process; Sovereign debt issuance, or municipal bonds for public works projects. Central banks, such as the Federal Reserve System banks in the United States, the European Central banks, such as the Federal Reserve System banks in the United States, the European Central banks, such as the Federal Reserve System banks in the United States, the European Central banks, such as the Federal Reserve System banks in the United States, the European Central banks, such as the Federal Reserve System banks in the United States, the European Central banks, such as the Federal Reserve System banks in the United States, the European Central banks in the United States in the European Central banks in the United States in the European Central banks in the United States in the European Central banks in the United States in the European Central banks in the United States in the European Central banks in the United States in the European Central banks in the European Central banks in the United States in the European Central banks in the Europ
well as strong influences on monetary and credit conditions in the economy.[18] Development finance, which is related, concerns investment in economic development projects would otherwise not be able to get financing. A public-private partnership is primarily
used for infrastructure projects: a private sector corporate provides the financial strategies, resources and instruments used in climate change mitigation. Share prices listed in a Korean newspaper "The excitement
before the bubble burst"—viewing prices via ticker tape, shortly before the Wall Street crash of 1929 A modern price-ticker. This infrastructure underpins contemporary exchanges, evidencing prices and related ticker symbols. The ticker symbols is represented by a unique set of characters used to identify the subject of the financial transaction. Main
article: Investment management See also: Active management of various securities—typically shares and bonds, but also other assets, such as real estate, commodities and alternative investments—in order to meet specified investment goals for the benefit of
investors. As above, investors may be institutions, such as insurance companies, pension funds, corporations, charities, educational establishments, or private investment trusts. At the heart
of investment management[12] is asset allocation—diversifying the exposure among individual securities within each asset class—as appropriate to the client's investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, in turn, a function of risk profile, investment policy, and a function of risk profile, investment policy, and a function of risk pro
of selecting the best portfolio given the client's objectives and constraints. Fundamental analysis is the approach typically applied in valuing and evaluating the individual securities. Technical analysis is about forecasting future asset prices with past data.[19] Overlaid is the portfolio manager's investment style—broadly, active vs passive, value vs
growth, and small cap vs. large cap—and investment strategy. In a well-diversified portfolio, achieved investment performance will, in general, largely be a function of the asset mix selected, while the individual securities are less impactful. The specific approach or philosophy will also be significant, depending on the extent to which it is
complementary with the market cycle. Additional to this diversification, the fundamental risk mitigant employed, investment managers will apply various hedging techniques as appropriate, [12] these may relate to the portfolio as a whole or to individual stocks. Bond portfolios are often (instead) managed via cash flow matching or immunization, while
for derivative portfolios and positions, traders use "the Greeks" to measure and then offset sensitivities. In parallel, managers - active and passive - will monitor tracking error, thereby minimizing and preempting any underperformance vs their "benchmark". A quantitative fund is managed using computer-based mathematical techniques
(increasingly, machine learning) instead of human judgment. The actual trading is typically automated via sophisticated algorithms. Crowds gathering outside a Northern Rock branch in the United Kingdom to withdraw their savings during the 2008
 financial crisis Main article: Financial risk management Risk management, in general, is the process of measuring risk and then developing and implementing strategies to manage that risk. Financial risk management [20][21] is the process of measuring risk and then developing and implementing strategies to manage that risk. Financial risk management [20][21] is the process of measuring risk and then developing and implementing strategies to manage that risk. Financial risk management [20][21] is the process of measuring risk and then developing and implementing strategies to management [20][21] is the process of measuring risk and then developing and implementing strategies to manage that risk.
financial risks, often by "hedging" exposure to these using financial instruments. The focus is particularly on credit and market risk, and in banks, through regulatory capital, includes operational risk. Credit risk is the risk of default on a debt that may arise from a borrower failing to make required payments; Market risk relates to losses arising from the focus is particularly on credit and market risk of default on a debt that may arise from a borrower failing to make required payments; Market risk relates to losses arising from the focus is particularly on credit and market risk of default on a debt that may arise from a borrower failing to make required payments; Market risk relates to losses arising from the focus is particularly on credit risk is the risk of default on a debt that may arise from a borrower failing to make required payments; Market risk relates to losses arising from the focus is particularly on credit risk is the risk of default on a debt that may arise from a borrower failing to make required payments.
movements in market variables such as prices and exchange rates; Operational risk relates to failures in internal processes, people, and systems, or to external events (these risks will often be insured). Financial risk management is related to corporate finance[12] in two ways. Firstly, firm exposure to market risk is a direct result of previous capital
investments and funding decisions; while credit risk arises from the business's credit policy and is often addressed through credit insurance and provisioning. Secondly, both disciplines share the goal of enhancing or at least preserving, the firm's economic value, and in this context[22] overlaps also enterprise risk management, typically the domain of
strategic management. Here, businesses devote much time and effort to forecasting, analytics and performance monitoring. (See ALM and treasury management.) For banks and other wholesale institution—both trading positions and
long term exposures—and on calculating and monitoring the resultant economic capital, and regulatory capital under Basel III. The calculations here are mathematically sophisticated, and within the domain of guantitative finance as below. Credit risk is inherent in the business of banking, but additionally, these institutions are exposed to
counterparty credit risk. Banks typically employ Middle office "Risk Groups", whereas front office risk teams provide risk "services" (or "solutions") to customers. Insurers [24] manage their own risks with a focus on solvency and the ability to pay claims: Life Insurers are concerned more with longevity risk and interest rate risk; Short-Term Insurers
(Property, Health, Casualty) emphasize catastrophe- and claims volatility risks. For expected claims reserves are set aside periodically, while to absorb unexpected losses, a minimum level of capital is maintained. Dojima Rice Exchange, the world's first futures exchange, established in Osaka in 1697 Main article: Quantitative analysis (finance)
Quantitative finance—also referred to as "mathematical finance"—includes those finance activities where a sophisticated mathematical model is required, [25] and thus overlaps several of the above. As a specialized practice area, quantitative finance comprises primarily three sub-disciplines; the underlying theory and techniques are discussed in the
next section: Quantitative finance is often synonymous with financial engineering. This area generally underpins a bank's customer-driven derivatives business—delivering bespoke OTC-contracts and "exotics", and designing the various structured products and solutions mentioned—and encompasses modeling and programming in support of the
initial trade, and its subsequent hedging and management. Quantitative finance also significantly overlaps financial risk management in banking, as mentioned, both as regards economic capital as well as compliance with regulations and the Basel capital / liquidity requirements. "Quants" are also responsible for building
and deploying the investment strategies at the quantitative funds mentioned; they are also involved in quantitative funds mentioned; they are also involved in quantitative funds mentioned; they are also involved in quantitative investing more generally, in areas such as trading, and program trading, a
-g n + 1) (1 + WACC_{n+1}) (1 + WACC_{
cash flows are discounted to the present using the weighted average cost of capital for the discount factor. For share valuation investors use the related dividend discount model. Financial theory is studied and developed within the discount factor. For share valuation investors use the related dividend discount model. Financial theory is studied and developed within the discount factor.
finance is concerned with the investment and deployment of assets and liabilities over "space and time"; i.e., it is about performing valuation and asset allocation today, based on the risk and uncertainty of future outcomes while appropriately incorporating the time value of money. Determining the present value of these future values, "discounting"
must be at the risk-appropriate discount rate, in turn, a major focus of finance-theory. [27] and there are ongoing related efforts to organize a list of unsolved problems in finance.
Decision trees, a more sophisticated valuation-approach, sometimes applied to corporate finance "project" valuations (and a standard[28] in business school curricula); various scenarios are considered, and their discounted cash flows are probability weighted. Main article: Managerial finance Managerial finance[29] is the branch of finance that deals
with the financial aspects of the management of a company, and the financial dimension of managerial decision-making more broadly. It provides the theoretical underpin for the practice described above, concerning itself with the managerial application of the various finance techniques. Academics working in this area are typically based in business
school finance departments, in accounting, or in management science. The tools addressed and developed relate in the main to management to better understand, and hence act on, financial information relating to profitability and performance; the latter, as above, are about optimizing
the overall financial structure, including its impact on working capital. Key aspects of management Financial analysis and reporting The discussion, however, also extends to the broader field of business strategy, emphasizing the need for
alignment with the overall strategic objectives of the company. It likewise incorporates managerial perspectives related to planning, directing, and controlling. The "efficient frontier", a prototypical concept in portfolio optimization. Introduced in 1952, it remains "a mainstay of investing and finance".[30] An "efficient" portfolio, i.e. combination of
assets, has the best possible expected return for its level of risk (represented by the standard deviation of return). Modigliani-Miller theorem, a foundational element of finance theory, introduced in 1958; it forms the basis for modern thinking on capital structure. Even if leverage (D/E) increases, the weighted average cost of capital (k0) stays
constant. Main article: Financial economics Financial economics financial economics financial variables, i.e. goods and services. It thus centers on pricing, decision making, and risk management in the financial markets, [31][26]
and produces many of the commonly employed financial econometrics is the branch of financial econometric techniques to parameterize the relationships suggested.) The discipline has two main areas of focus: [26] asset pricing and corporate finance; the first being the perspective of providers of capital, i.e.
investors, and the second of users of capital; respectively: Asset pricing theory develops the models used in determining the risk-appropriate discount rate, and in pricing derivatives; and includes the portfolio- and investment theory applied in asset management. The analysis essentially explores how rational investors would apply risk and return to
the problem of investment under uncertainty, producing the key "Fundamental theorem of asset pricing". Here, the twin assumptions of rationality and market efficiency lead to modern portfolio theory (the CAPM), and to the Black-Scholes theory for option valuation. At more advanced levels—and often in response to financial crises—the study then
extends these "neoclassical" models to incorporate phenomena where their assumptions do not hold, or to more general settings. Much of corporate finance theory, by contrast, considers investment under "certainty" (Fisher separation theorem, "theory of investment value", and Modigliani-Miller theorem). Here, theory and methods are developed for
the decisioning about funding, dividends, and capital structure discussed above. A recent development is to incorporate uncertainty and contingency—and thus various elements of asset pricing—into these decisions, employing for example real options analysis. C(S,t)=N(d1)S-N(d1)S-N(d1)B-1(d1)S-N(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d1)B-1(d
(T-t) d 2=d 1-\sigma T-t {\displaystyle {\begin{aligned}}}. The Black-Scholes formula for the value of a call option.
Although lately its use is considered naive, it has underpinned the development of derivatives-theory, and financial mathematics more generally, since its introduction in 1973.[32] "Trees" are widely applied in mathematics more generally, since its introduction in 1973.[32] "Trees" are widely applied in mathematics more generally, since its introduction in 1973.[32] "Trees" are widely applied in mathematical finance; here used for settings
beyond those envisaged by Black-Scholes. Post crisis, even in those settings, banks use local and stochastic volatility models to incorporate the volatility models to incorporate the volatility surface, while the xVA adjustments accommodate counterparty and capital considerations. Main article: Mathematical finance See also: Quantitative analysis (finance) and Financial modeling
§ Quantitative finance Financial mathematics [33] is the field of applied mathematics concerned with financial markets; Louis Bachelier's doctoral thesis, defended in 1900, is considered to be the first scholarly work in this area. The field is largely focused on the modeling of derivatives—with much emphasis on interest rate- and credit risk modeling—
while other important areas include insurance mathematics and quantitative portfolio management. Relatedly, the techniques developed are applied to pricing and hedging a wide range of asset-backed, government, and corporate-securities. As above, in terms of practice, the field is referred to as quantitative finance and / or mathematical finance,
and comprises primarily the three areas discussed. The main mathematical tools and techniques are, correspondingly: for derivatives, [34] Itô's stochastic calculus, simulation, and partial differential equations; see aside boxed discussion re the prototypical Black-Scholes model and the various numeric techniques now applied for risk management, [23]
value at risk, stress testing and "sensitivities" analysis (applying the "greeks"); the underlying mathematics comprises mixture models, PCA, volatility clustering and copulas.[35] in both of these areas, and particularly for portfolio problems, guants employ sophisticated optimization techniques Mathematically, these separate into two analytic
branches: derivatives pricing uses risk-neutral probability (or arbitrage-pricing probability), denoted by "P". These are interrelated through the above "Fundamental theorem of asset pricing". The subject is closely related to financial
economics, which, as outlined, focuses on much of the underlying theory involved in financial mathematics will derive and extend the mathematics will be approximate the mathe
emphasizes the numerical methods applied here. Main article: Experimental finance [36] aims to establish different market settings and environments to experimentally observe and provide a lens through which science can analyze agents' behavior and the resulting characteristics of trading flows, information diffusion, and
aggregation, price setting mechanisms, and returns processes. Researchers in experimental financial economics theories make accurate predictions and seek to validate them. They also aim to discover new principles to extend these theories for future financial decisions. This research often involves conducting trading
simulations or observing human behavior in artificial, competitive, market-like environments. Main article: Behavioral finance studies how the psychology of investors or managers affects financial decisions and markets[37] and is relevant when making a decision that can impact either negatively or positively on one of their
areas. With more in-depth research into behavioral finance, it is possible to bridge what actually happens in financial markets with analysis based on financial theory. [38] Behavioral finance, it is possible to bridge what actually happens in financial markets with analysis based on financial markets with analysis based on financial theory.
financial decisions. Especially, because now the time has come to move beyond behavioral finance to social interactions, how financial ideas spread, and how social processes affect financial decisions and outcomes.[39][40] Behavioral finance includes such topics as: Empirical studies that demonstrate
significant deviations from classical theories; Models of how psychology affects and impacts trading and prices; Forecasting based on these methods; Studies of experimental asset markets and the use of models to forecast experiments. A strand of behavioral finance has been dubbed quantitative behavioral finance, which uses mathematical and
statistical methodology to understand behavioral biases in conjunction with valuation. This section needs additional citations for verification. Unsourced material may be challenged and removed. (April 2025) (Learn how and when to remove this message) Main
article: Quantum finance Quantum finance involves applying quantum mechanical approaches to financial theory, providing novel methods developed by quantum finance involves applying quantum finance is an interdisciplinary field, in which theories and methods developed by quantum finance involves applying quantum finance is an interdisciplinary field, in which theories and methods developed by quantum finance involves applying quantum finance is an interdisciplinary field, in which theories and methods developed by quantum finance involves applying quantum finance involves applying quantum finance involves applying quantum finance is an interdisciplinary field, in which theories and methods developed by quantum finance involves applying quantum f
represents a branch known as econophysics. Although quantum computational methods have been around for quite some time and use the basic principles of physics to better understand the ways to implement and manage cash flows, it is mathematics that is actually important in this new scenario.[42] Finance theory is heavily based on financial
instrument pricing such as stock option pricing. Many of the problems facing the finance community have no known analytical solution. As a result, numerical methods and computer simulations for solving these problems have a high
degree of computational complexity and are slow to converge to a solution on classical computers. In particular, when it comes to option pricing, there is additional complexity resulting from the need to respond to quickly changing markets. For example, in order to take advantage of inaccurately priced stock options, the computation must complete
before the next change in the almost continuously changing stock market. As a result, the finance community is always looking for ways to overcome the resulting performance issues that arise when pricing options. This has led to research that applies alternative computing techniques to finance. Most commonly used quantum financial models are
quantum continuous model, quantum binomial model, multi-step quantum binomial model etc. Further information: History of banking, History, Financial crisis § History, and Global financial system § History of money, History of banking, History of
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international financial architecture See also: Category: History of finance The origin of finance and palaces were used as safe places for the storage of valuables. Initially, the only valuable that could be deposited was grain, but cattle and precious materials were eventually included. During the same period, the Sumerian, "interest" was mas, which translates to "calf". In Greece and Egypt, the words

used for interest, tokos and ms respectively, meant "to give birth". In these cultures, interest indicated a valuable increase, and seemed to consider it from the lender's point of view.[43] The Code of Hammurabi (1792-1750 BCE) included laws governing banking operations. The Babylonians were accustomed to charging interest at the rate of 20 percent per year. By 1200 BCE, cowrie shells were used as a form of money in China. The use of coins as a means of representing money began in the years between 700 and 500 BCE.[44] Herodotus mentions the use of crude coins in Lydia around 687 BCE and, by 640 BCE, the Lydians had started to use coin money more widely and opened permanent retail shops.[45] Shortly after, cities in Classical Greece, such as Aegina, Athens, and Corinth, started minting their own coins between 595 and 570 BCE. During the Roman Republic, interest was outlawed by the Lex Genucia reforms in 342 BCE, though the provision went largely unenforced. Under Julius Caesar, a ceiling on interest rates of 12% was set, and much later under Justinian it was lowered even further to between 4% and 8%.[46] The first stock exchange (founded in 1773) and the New York Stock Exchange (founded in 1793) were created.[48][49] 2008 financial crisis Outline of finance ^ The following are definitions of 'finance' as crafted by the authors indicated: Fama and Miller: "The theory of finance is concerned with how individuals and firms allocate resources through time. In particular, it seeks to explain how solutions to the problems faced in allocating resources through time are facilitated by the existence of capital markets (which provide a means for individual economic agents to exchange resources to be available in the future)." Guthmann and Dougall: "Finance is concerned with the raising and administering of funds and with the relationships between private profit-seeking enterprise on the one hand and the groups which supply the funds on the other. These groups, which include investors and speculators - that is, capitalists or property owners - as well as those who advance short-term capital, place their money in the field of commerce and industry and in return expect a stream of income." Drake and Fabozzi: "Finance is the application of economic principles to decision-making that involves the allocation of money at the time it is wanted". John J. Hampton: "The term finance can be defined as the management of the flows of money through an organisation, whether it will be a corporation, school, or bank or government agency". Howard and Upton: "Finance may be defined as that administrative area or set of administrative functions in an organisation which relates with the arrangement of each debt and credit so that the organisation may have the means to carry out the objectives as satisfactorily as possible". Pablo Fernandez: "Finance is a profession that requires interdisciplinary training and can help the managers of companies make sound decisions about financing, investment, continuity and other issues that affect the inflows and outflows of money, and the risk of the company. It also helps people and institutions invest and plan money-related issues wisely." ^ The first academic journal, The Journal of Finance, [citation needed] began publication in 1946. ^ Finance thus allows production and consumption in society to operate independently from each other. Without the use of financial allocation, production would have to happen at the same time and space as consumption. Through finance, distances in timespace between production would have to happen at the same time and space as consumption. Through finance, distances in timespace between production and consumption are then possible. [5] ^ a b Hayes, Adam. "Finance". Investopedia. Archived from the original on 19 December 2020. 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Finance at Wikipedia's sister projects Definitions from Wiktionary Media from Commons News from Wikinews Quotations from Uncommon Profits and Other Writings. WikiquoteTexts from WikisourceTextbooks from WikisourceTextbooks from WikisourceTextbooks from Wikiversity Hypertextual Finance Glossary (Pierre Vernimmen) Glossary (Pierre Vernimmen) Glossary of financial management terms (Risk.net) Glossary of financial risk management terms (Risk.ne resources (James Van Horne) Personal finance resources (Governance and Social Development Resources (Global Risk Institute) Retrieved from "adjective (2) noun (1) View synonyms for financial of or relating to finance or financesof or relating to persons who manage money, capital, or creditinformal, having money; in funds (of a club member) fully paid-up "Collins Publishers 1998. 2000, 2003, 2005, 2006, 2007, 2009, 2012 financially adverborigin of financial adjective quasi-financial quasi-f matters or transactions of some size or importance: a financial wizard. Fiscal is used especially in connection with government funds, or those of any organization: the end of the fiscal year. Monetary relates especially to money as such: a monetary system or standard. Pecuniary refers to money as used in making ordinary payments: a pecuniary obligation or reward. Examples are provided to illustrate real-world usage of words in context. Any opinions expressed do not reflect the views of Dictionary.com. "American investors should pay close attention. A stronger year and rising Japanese yields could pull capital away from the U.S. bond and equities markets, tightening financial conditions globally."How much of a red flag is his financial situation? According to the same accounts, Zipcar membership fees cover the cost of fuelling or charging the vehicle and, as energy costs continued to rise last year, it has added to financial pressures on the company. The former monarch, 87, has lived in self-imposed exile in the United Arab Emirates since 2020 after a series of extramarital and financial scandals tarnished his reputation. Monday's report also found that somebody gained early access to the equivalent financial forecasts in March while Reeves was delivering her Spring Statement, though they did not act on the information.commercial economic fiscal monetary finance companyFinancial Accounting Standards BoardBrowse#aabbccddeeffgghhiijjkkllmmnnooppggrrssttuuvvwwxxyyzzAboutCareersContact usCookies, terms, & privacyHelpFollow usGet the Word of the Day every day! © 2025 Dictionary.com, LLC

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