

# Quant Daily Digest

## ■ Daily Overview

Macro & Sentiment Markets enter the post-Christmas week with a cautious tone amid mixed signals on AI sector profitability and tech valuations. OpenAI's reported 70% compute margin signals meaningful cost efficiency gains in generative AI, potentially validating AI investment theses despite broader tech sector skepticism. However, Oracle's shares face pressure, poised for their worst quarter since 2001, reflecting investor concerns about capital intensity and execution risks in AI infrastructure build-out. Meanwhile, retail enthusiasm persists in select names like Palantir, which defies Wall Street's valuation skepticism through robust retail-driven flows. In India, Samco Mutual Fund's launch of quant-driven strategies highlights growing global appetite for algorithmic approaches in emerging markets. Equities / Rates Tech sector remains bifurcated: Nvidia's non-exclusive licensing deal with Groq aims to preserve competitive optics but underscores industry consolidation trends. Oracle's share weakness contrasts with Nvidia's relative resilience, reflecting divergent investor views on AI infrastructure plays. Palantir's retail-fueled resilience may signal pockets of retail-driven momentum trades. Rates markets are quiet post-holiday, with limited catalysts and muted volatility. FX & Commodities No major FX or commodity moves reported; seasonal liquidity conditions likely keep volatility subdued. What to Watch • Samco Mutual Fund's quant strategy rollout in India — potential early indicator for emerging market quant adoption. • Oracle's quarterly earnings and AI infrastructure investment updates — key for gauging capital intensity and execution risk in AI build-out. • Nvidia-Groq deal developments — monitor for implications on AI hardware competition and licensing models.

## ■ Hot List

### Can Samco MF succeed with quant strategies?

Samco Mutual Fund is entering India's crowded mutual fund space with a focus on algorithm-driven, quant-based investment strategies, inspired by renowned quant traders like Jim Simons. The firm aims to differentiate itself by leveraging momentum investing over traditional value approaches, targeting data-driven decision-making and systematic trading models. This approach reflects a growing trend of quant funds attempting to capitalize on market inefficiencies through advanced analytics and automated execution. Samco's success will depend on its ability to attract flows and deliver consistent alpha in a competitive environment with over 40 mutual funds and numerous schemes. The move highlights increasing quant adoption in Indian asset management.

Read more: <https://economictimes.indiatimes.com/prime/money-and-markets/momentum-over-value-can-samco-break-through-indias-crowded-mf-market/primearticleshow/126172911.cms>

The Times of India

### Wall Street wrote off Palantir as too expensive. Retail investors can't get enough

Palantir Technologies, despite being considered overvalued by Wall Street analysts since its 2020 IPO, continues to attract strong retail investor interest. The stock has shown resilience with notable retail-driven buying flows, contrasting with cautious institutional positioning. Palantir's price action reflects this divergence, maintaining elevated levels amid skepticism about its valuation metrics. The company's unique data analytics offerings and CEO Alex Karp's vision contribute to sustained retail enthusiasm, impacting market liquidity and volatility. This dynamic highlights a growing retail influence

on certain tech stocks, challenging traditional valuation-based sell-side narratives.

Read more: <https://www.cnbc.com/2025/12/25/palantir-retail-investors-valuation-karp.html>

CNBC

## Have AI Gross Margins Really Turned the Corner? The Real Math Behind OpenAI's 70% Compute Margin — And Why B2B Startups Are Still Running on a Treadmill

OpenAI reportedly achieved a 70% compute margin in October 2025, doubling from 35% in January 2024, signaling significant improvements in cost efficiency for running ChatGPT. This margin reflects the revenue remaining after covering substantial server expenses, highlighting advancements in AI infrastructure and scaling. Despite this progress, many B2B AI startups continue to face high operational costs, struggling to improve margins and profitability. The data underscores a broader industry trend where large AI players are optimizing compute costs, potentially impacting investment flows and valuations in the AI sector. Market participants should monitor compute cost trends as a key factor in AI company performance.

Read more: <https://www.saasr.com/have-ai-gross-margins-really-turned-the-corner-the-real-math-behind-openais-70-compute-margin-and-why-b2b-startups-are-still-running-on-a-treadmill/>

Saasr.com

## Nvidia-Groq deal is structured to keep 'fiction of competition alive,' analyst says

Nvidia's recent deal with Groq is structured as a "non-exclusive licensing agreement," a strategy mirroring other major AI-related transactions by U.S. tech firms. This arrangement suggests Nvidia aims to maintain the appearance of competition in the AI chip market while retaining significant control. The deal could impact market dynamics by limiting true competitive pressures, potentially influencing Nvidia's stock positioning and investor sentiment. Analysts view this as a move to consolidate Nvidia's dominance in AI hardware, affecting flows into semiconductor and AI-focused ETFs. Market participants should monitor Nvidia's pricing power and sector leadership amid evolving AI chip partnerships.

Read more: <https://www.cnbc.com/2025/12/26/nvidia-groq-deal-is-structured-to-keep-fiction-of-competition-alive.html>

US Top News and Analysis

## Oracle shares on pace for worst quarter since 2001 as new CEOs face concerns about AI build-out

Oracle shares are set for their worst quarterly performance since 2001 amid investor concerns about the company's ability to fund and deploy data centers equipped with Nvidia chips critical for OpenAI's AI infrastructure. The transition to new CEOs Clay Magouyrk and Mike Sicilia has heightened scrutiny over Oracle's AI build-out strategy. Market participants are closely watching Oracle's capital allocation and execution on AI-related investments, which are pivotal for maintaining competitive positioning in the cloud and AI sectors. The stock's significant underperformance reflects uncertainty about Oracle's future growth trajectory and AI capabilities. This quarter's price action signals cautious investor sentiment and potential repositioning in tech-related assets.

Read more:

<https://www.cnbc.com/2025/12/26/oracle-stock-on-pace-for-worst-quarter-since-2001-ai-concerns.html>

## **Stock Market Today, Dec. 26: S&P; Notches New High As Investors Digest Nvidia-Groq Deal**

On December 26, 2025, the S&P; 500 reached a new intraday high, reflecting strong investor sentiment amid the market digesting Nvidia's acquisition of Groq. This deal highlights ongoing consolidation in the semiconductor sector, potentially impacting tech sector positioning and flows. Meanwhile, precious metals like gold and silver continued their upward trajectory, suggesting a possible hedge demand or inflation concerns. The Nasdaq and Dow Jones also showed resilience, supported by tech and industrial gains. Overall, the market's positive price action indicates robust risk appetite despite mixed macroeconomic signals.

Read more: <https://www.fool.com/coverage/stock-market-today/2025/12/26/stock-market-today-dec-26-s-and-p-notches-new-high-as-investors-digest-nvidia-groq-deal/?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

## **Veteran analyst names surprising stock among top 3 picks for 2026**

Clear Street analyst Owen Lau identified his top three fintech stock picks for 2026, including two established financial services firms, Nasdaq (NDAQ) and S&P; Global (SPGI). Notably, his third pick is a cryptocurrency company, signaling confidence in the crypto sector's growth potential despite recent volatility. This selection highlights a strategic tilt towards fintech innovation and digital assets within traditional market frameworks. The inclusion of a crypto stock suggests expectations of increased institutional adoption and regulatory clarity. Market participants may consider adjusting positioning to capture potential upside from these fintech leaders and the evolving crypto landscape.

Read more: <https://www.thestreet.com/crypto/markets/veteran-analyst-names-surprising-stock-among-top-3-picks-for-2026?.tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

## **Dow Jones Futures: Tesla, Nvidia Lead 5 Giants In Buy Areas; Market Strong As 2025 Nears End**

As 2025 approaches its end, major indices hover near record highs, signaling strong market momentum. Key tech giants Tesla, Nvidia, Google, and Apple are trading just above critical buy points, indicating potential for further upside. This positioning suggests sustained investor confidence in growth sectors, particularly in technology and innovation. Market breadth remains robust, supported by positive flows into these large-cap leaders. The current setup may attract quant strategies focusing on momentum and breakout signals as year-end approaches.

Read more: <https://finance.yahoo.com/m/a4e2f064-8bac-3727-98f2-40f9aa1abcd0/dow-jones-futures%3A-tesla%2C.html?.tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

## **Thin Trading Volumes, Non-Technology Leadership Characterize US Equity Indexes' gains This Week**

US equity indexes advanced during a holiday-shortened week marked by thin trading volumes, indicating cautious market participation. Notably, gains were driven by non-technology sectors,

diverging from the recent tech-led rallies. The S&P 500, Nasdaq, and Dow Jones Industrial Average all posted modest increases, reflecting a broad-based but subdued market sentiment. This shift suggests investors are rotating into value and cyclical stocks amid ongoing economic and policy uncertainties. The low volume environment may limit the reliability of these moves, highlighting potential volatility ahead as market participants await clearer signals.

Read more:

<https://finance.yahoo.com/news/thin-trading-volumes-non-technology-214823156.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

## ■ Articles

### **speterlin-stocks 1.0.9.5**

The speterlin-stocks 1.0.9.5 Python package offers a comprehensive suite for quantitative trading in stocks, integrating multiple data sources and brokerage APIs. It supports Alpaca brokerage for USD asset storage and margin trading with 2x leverage on NYSE and NASDAQ exchanges. The package aggregates data from Financial Modeling Prep, Google Trends, Yahoo Finance, and Google Finance, enabling enhanced market analysis and strategy development. This integration facilitates streamlined access to real-time market data, price action, and sentiment indicators, which are crucial for quant models and algorithmic trading. The tool is designed to optimize trading workflows and improve decision-making based on diverse financial datasets.

Read more: <https://pypi.org/project/speterlin-stocks/1.0.9.5/>

Pypi.org

### **Minimal time robust control for two superconducting qubits**

The article from Nature.com discusses advancements in minimal time robust control techniques for two superconducting qubits, a key component in quantum computing. While not directly financial, improvements in qubit control can accelerate quantum computing development, potentially impacting sectors reliant on quantum technology, including finance. Enhanced qubit control may lead to faster, more reliable quantum algorithms for portfolio optimization, risk analysis, and cryptography. This progress could influence market positioning in quantum computing stocks and related tech investments. However, immediate market data or price action related to this research is not provided.

Read more: <https://www.nature.com/articles/s41598-025-32747-8>

Nature.com

### **powerball-quantum added to PyPI**

The newly released "powerball-quantum" package on PyPI offers a quantum-inspired algorithm designed for Powerball number prediction. It integrates momentum, mean reversion, and statistical filters, techniques commonly used in quantitative finance for market timing and signal generation. While primarily targeting lottery prediction, the algorithm's components reflect strategies applicable to financial markets, such as exploiting price trends and reversions. This tool could interest quants exploring alternative data and novel algorithmic approaches. However, its direct market impact or adoption remains speculative at this stage.

Read more: <https://pypi.org/project/powerball-quantum/>

Pypi.org

## **CAT 2025 Toppers List: IIM CAT result 2025 announced, check toppers' names and percentile here**

The Indian Institute of Management Kozhikode announced the final results for the CAT 2025 exam on December 24 at 6 PM. Candidates can access their scorecards on the official CAT website from the same time. The announcement includes the release of the toppers' names and their percentiles, providing key data points for academic and recruitment markets. This event may influence hiring flows and talent positioning in sectors relying on CAT scores for recruitment. The timely release and transparency in results could impact market sentiment around educational services and related sectors.

**Read more:** <https://economictimes.indiatimes.com/jobs/exams-results/cat-2025-toppers-list-iim-cat-result-2025-announced-check-toppers-names-here/articleshow/126159172.cms>

The Times of India

## **vnpy 4.3.0**

vn.py 4.3.0 has been released, offering an updated framework for developing quantitative trading systems. This version likely includes enhancements to support more efficient market data handling, improved order execution, and better integration with various trading platforms. The update may facilitate more robust algorithmic strategies and streamlined backtesting, crucial for quants focusing on market microstructure and execution quality. Traders and developers can leverage this release to optimize their trading models and improve responsiveness to real-time market flows and price action. The framework's evolution supports advanced quantitative research and systematic trading deployment.

**Read more:** <https://pypi.org/project/vnpy/4.3.0/>

Pypi.org

## **Eclipse Founder Neel Somani on Transitioning from Crypto to AI**

Neel Somani, founder of Eclipse Labs, is shifting his focus from cryptocurrency to artificial intelligence, signaling a strategic pivot in tech investment trends. This transition reflects broader market interest as AI technologies gain momentum, potentially influencing capital flows away from crypto assets.

Somani's move may impact venture funding patterns and startup valuations in both sectors. The shift underscores evolving investor sentiment and positioning, with AI seen as a more promising growth area amid crypto market volatility. Market participants should monitor related funding and innovation trends for potential trading and investment opportunities.

**Read more:** <https://ambcrypto.com/eclipse-founder-neel-somani-on-transitioning-from-crypto-to-ai/>  
Ambcrypto.com

## **jupyter-quant 2512.1**

The release of Jupyter-Quant 2512.1 on PyPI introduces an enhanced research environment tailored for quantitative finance professionals. This tool facilitates streamlined data analysis, backtesting, and visualization, potentially improving workflow efficiency for quants and market analysts. While no direct market data or price action is involved, the platform's capabilities could influence the speed and accuracy of quantitative modeling and strategy development. Its integration may lead to more sophisticated positioning and risk management approaches in trading desks. The update underscores ongoing technological advancements supporting quantitative research in financial markets.

**Read more:** <https://pypi.org/project/jupyter-quant/2512.1/>  
Pypi.org

## **Crypto.com says market maker boosts liquidity, denies trading edge on customers**

Crypto.com has announced the hiring of an internal market maker to enhance liquidity in its prediction markets. The company emphasized that this move has been fully disclosed to regulators to ensure transparency. Crypto.com denied that the market maker would have any trading advantage over its customers, aiming to maintain a fair trading environment. This initiative is expected to improve order book depth and reduce spreads, potentially attracting more volume and participation in their prediction markets. The development highlights Crypto.com's focus on regulatory compliance and market integrity amid growing scrutiny in the crypto sector.

Read more:

<https://cointelegraph.com/news/cryptocom-market-maker-prediction-markets-liquidity-trading>

Cointelegraph

## **Millet Starch Market Size to Exceed USD 9.95 Billion by 2035 | Towards FnB**

The millet starch market is projected to grow from USD 5.45 billion in 2025 to USD 9.95 billion by 2035, reflecting a compound annual growth rate (CAGR) of 6.2% from 2026 to 2035. This growth indicates increasing demand and potential investment opportunities in the millet starch sector. The market expansion may influence commodity flows and related agricultural supply chains. Price action in millet starch and related agricultural commodities could see upward momentum as demand rises. Market participants should monitor policy developments and trade flows impacting millet starch production and distribution.

Read more: <https://www.globenewswire.com/news-release/2025/12/23/3209985/0/en/Millet-Starch-Market-Size-to-Exceed-USD-9-95-Billion-by-2035-Towards-FnB.html>

GlobeNewswire

## **Airlines cancel more than 1,500 flights ahead of winter storm. Here's what to know**

Over 1,500 flights have been canceled by airlines in anticipation of a major winter storm and dropping temperatures following the busy Christmas holiday. Airlines have proactively waived change fees to accommodate travelers affected by the disruptions. The cancellations are expected to impact passenger flow and could influence short-term travel demand and airline revenue. Market participants may see increased volatility in airline stocks and related sectors due to operational uncertainties. Weather-related disruptions remain a key risk factor for transportation and logistics equities during the winter season.

Read more: <https://www.cnbc.com/2025/12/26/winter-storm-flight-cancellations.html>

US Top News and Analysis

## **Over 300,000 student loan borrowers were denied a new repayment plan, court filing shows — here's why**

A court filing reveals that during the Trump administration, 327,955 income-driven repayment (IDR) plan requests from student loan borrowers were denied. This significant volume of rejections highlights

potential policy shifts impacting borrower relief and repayment strategies. The denial rate may influence borrower cash flow and default risk, affecting credit markets and securitized student loan instruments. Market participants should monitor ongoing policy developments and legal challenges related to student loan repayment programs, as these could impact loan performance and investor positioning in education debt securities. The data underscores the importance of tracking government policy on loan modifications for quant models assessing credit risk.

Read more: <https://www.cnbc.com/2025/12/26/trump-rejects-student-loan-idr-applications.html>

US Top News and Analysis

## **Google is rolling out a new feature allowing users to change their Gmail address**

Google is introducing a new feature allowing Gmail users to change their email addresses without creating a new account, addressing a long-standing user demand. This update could impact user retention and engagement metrics positively, potentially influencing Alphabet's (Google's parent company) stock sentiment. The feature rollout may also affect data flows and user behavior analytics, as users modify their primary contact information more fluidly. Market participants should monitor Alphabet's shares for any price action reflecting investor response to enhanced user flexibility and potential competitive advantages in the email service market.

Read more: <https://www.cnbc.com/2025/12/26/google-gmail-change-email-address-without-new-account-india-hindi-support.html>

US Top News and Analysis

## **Stock Market Today: Nvidia Can't Lift Dow; Palantir Falls Below This Mark (Live Coverage)**

On Friday, major U.S. stock indexes closed slightly lower after the Christmas holiday, with the Dow Jones Industrial Average unable to gain traction despite gains in Nvidia shares. Nvidia's strength was insufficient to offset broader market weakness, reflecting cautious investor sentiment. Palantir Technologies notably fell below a key price level, signaling potential bearish positioning or profit-taking among traders. Market activity remained subdued, with limited volume and mixed sector performance. Overall, the market showed modest declines amid holiday-thinned liquidity and lack of strong catalysts.

Read more: <https://finance.yahoo.com/m/67f35f77-c853-3a53-b798-2b2cc4e24ed0/stock-market-today-%3A-nvidia.html?.tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

## **What links the Trump crypto empire and Burkina Faso's stablecoin plans?**

The article explores a surprising connection between the Trump crypto empire and Burkina Faso's plans to launch a national stablecoin. It highlights how both initiatives involve leveraging blockchain technology for financial innovation, albeit in vastly different contexts—one commercial and the other sovereign. The piece touches on the implications for market positioning as stablecoins gain traction globally, potentially influencing capital flows and regulatory scrutiny. It also notes the growing interest in digital currencies from emerging markets, which could affect demand dynamics and pricing in crypto markets. This intersection underscores evolving policy frameworks and the increasing institutionalization of crypto assets.

Read more: <https://www.ft.com/content/ddc2b71b-7134-4863-a096-6256f17ddfe0>

FT Alphaville

## **Dotcom tycoon to bankruptcy court: the fall and fall of Robert Bonnier**

Robert Bonnier, a dotcom entrepreneur, faces bankruptcy amid allegations of manipulating AudioBoom's share price. A court found that Bonnier lied to secure investment from property developer Nick Candy, casting doubt on the legitimacy of prior funding rounds. This legal development highlights risks around corporate governance and market manipulation in smaller-cap tech stocks. AudioBoom's shares have experienced volatility amid these claims, impacting investor confidence and raising concerns about price integrity. The case underscores the importance of transparency and due diligence in equity markets, particularly for emerging tech firms with thin liquidity and limited analyst coverage.

Read more: <https://www.ft.com/content/728d7c77-f037-48b3-9a81-d112791d8b62>

FT Alphaville

## **The best of FT Alphaville, 2025 edition**

FT Alphaville's 2025 edition offers a comprehensive review of market dynamics, emphasizing introspective analysis on current financial trends. The coverage highlights key data points such as shifts in asset flows, evolving policy stances from central banks, and notable price action across major indices. It also delves into positioning trends among institutional investors, reflecting cautious sentiment amid macroeconomic uncertainties. The piece underscores the importance of quant strategies adapting to changing volatility regimes and liquidity conditions. Overall, the edition serves as a critical resource for understanding nuanced market behavior and strategic adjustments in 2025.

Read more: <https://www.ft.com/content/c5e120cd-494e-4eef-a620-35fed8d62d27>

FT Alphaville

## **Prediction markets barely make money; sportsbooks make money**

Prediction markets like Kalshi, which aim to financialize differences of opinion on events such as sports outcomes, have struggled to generate significant profits. Unlike sportsbooks, which consistently make money by setting odds that favor the house, prediction markets face challenges in pricing and liquidity that limit their profitability. The article highlights that while prediction markets offer a novel approach to trading on event outcomes, their current structure and market dynamics result in minimal financial gains. This contrast underscores the difficulty of replicating sportsbook success in prediction market platforms. Market participants should note the limited arbitrage and flow opportunities in these markets compared to traditional betting venues.

Read more: <https://www.ft.com/content/1ac03f57-bd5d-4196-85ff-4bd96dc69e0d>

FT Alphaville

## **Person of Interest 2025: the longlist**

The FT Alphaville article "Person of Interest 2025: the longlist" highlights key figures and entities likely to face significant market scrutiny or regulatory challenges in the coming year. It serves as a cautionary overview for investors and quants, emphasizing potential risks from policy shifts, regulatory crackdowns, or reputational issues that could impact asset prices and flows. The piece underscores the importance of monitoring positioning around these "persons of interest" to anticipate volatility and market reactions. This aligns with a broader trend of increased regulatory focus and market sensitivity.

to governance and compliance factors.

Read more: <https://www.ft.com/content/6d1e1434-ddca-44cc-af66-8422fee0b0bf>  
FT Alphaville

## ■ AI & Finance

### Your 2026 horoscope is here — the major shifts every zodiac sign needs to prepare for

The 2026 horoscope highlights significant astrological events, including three major eclipses in March, June, and November, alongside notable outer-planet transits. These celestial shifts are expected to influence career trajectories, financial decisions, and relationship dynamics across all zodiac signs. Market participants might interpret these alignments as potential catalysts for volatility or trend changes, especially in sectors sensitive to consumer sentiment and discretionary spending. The precise timing of these lunations, based on NASA data, could be used to anticipate periods of increased market activity or shifts in investor positioning. While primarily astrological, such forecasts may impact market psychology and flow patterns.

Read more: <https://economictimes.indiatimes.com/news/international/us/2026-horoscope-major-astrology-forecast-for-every-zodiac-sign-career-love-and-finance-shifts-detailed-predictions-for-aries-taurus-gemini-and-all-signs-this-year/articleshow/126174798.cms>

The Times of India

### Show HN: Sentinel – 97 AI security engines, open-sourced as a Christmas gift

Sentinel is an open-source AI security platform featuring 97 AI security engines, combining 121 defense engines and over 39,000 offensive payloads. It serves as a comprehensive toolkit for protecting and penetration testing large language models (LLMs), addressing vulnerabilities highlighted by the OWASP LLM Top 10. The platform supports both defensive and red team operations, enabling users to identify and mitigate AI security risks effectively. This release could influence AI security market dynamics by providing accessible tools for robust LLM protection and testing, potentially impacting demand for commercial AI security solutions.

Read more: <https://github.com/DmitrL-dev/AISecurity>  
Github.com

### Why Gen Z says 'hotties need hobbies'

The article discusses a cultural trend among Gen Z, who are increasingly adopting traditional hobbies like sewing, scrapbooking, and sports clubs as a way to counteract the negative effects of excessive social media use and doomsurfing. This shift highlights a move towards offline activities that promote mental well-being and happiness. While not directly related to financial markets, this behavioral change could influence consumer spending patterns in sectors such as crafts, sports equipment, and leisure services. Additionally, the trend may impact social media engagement metrics and advertising flows targeting younger demographics. No immediate market-moving data or policy changes are noted.

Read more: <https://www.wbur.org/onpoint/2025/12/24/gen-z-says-hotties-need-hobbies>  
WBUR

## ■ Quant Keywords & Mini-Glossary

**alpha** — [Excess return of an investment relative to a benchmark index.]

**momentum investing** — [Strategy of buying assets with rising prices and selling those with falling prices.]

**algorithm-driven strategies** — [Investment approaches based on systematic, rule-based models and automated execution.]

**retail-driven buying flows** — [Market buying pressure generated primarily by individual (retail) investors.]

**market liquidity** — [The ease with which assets can be bought or sold without affecting their price.]

**volatility** — [Statistical measure of the dispersion of returns for a given security or market index.]

**compute margin** — [Revenue remaining after deducting compute/server costs, indicating operational efficiency.]

**capital allocation** — [Process of distributing financial resources among various investments or projects.]

**price action** — [Movement of a security's price plotted over time, used for technical analysis.]

**order flow** — [The buying and selling orders that drive market price movements and liquidity.]

**market breadth** — [Measure of the number of stocks advancing versus declining in a market.]

**buy areas** — [Price levels or zones identified as attractive entry points for purchasing assets.]

**thin trading volumes** — [Periods with low trading activity, often leading to less reliable price signals.]

**sector rotation** — [Investment strategy shifting capital between sectors based on economic or market cycles.]

**risk appetite** — [The degree of variability in investment returns an investor is willing to withstand.]

**systematic trading models** — [Quantitative models that execute trades based on predefined rules without human discretion.]

**backtesting** — [Testing a trading strategy on historical data to evaluate its effectiveness.]

**leverage** — [Use of borrowed capital to increase the potential return of an investment.]

**order book depth** — [The quantity of buy and sell orders at various price levels in a market.]

**non-exclusive licensing agreement** — [Contract allowing multiple parties to use the same intellectual property simultaneously.]

**capital flows** — [Movements of money for investment into or out of markets or sectors.]

**valuation metrics** — [Financial ratios and measures used to assess the attractiveness of an asset's price.]

**default risk** — [The risk that a borrower will fail to make required payments on debt.]

**income-driven repayment (IDR) plan** — [Loan repayment plan where payments are based on borrower income.]

**price volatility** — [Degree of variation of a trading price series over time, often linked to risk.]