

Quant Daily Digest

■ Daily Overview

Macro & Sentiment: Markets exhibit cautious optimism amid hopes for U.S. rate cuts and fresh liquidity injections, underpinning risk appetite. Bitcoin steadies near \$112k and Ethereum around \$4,313, reflecting crypto resilience despite a notable 37% drop in XRP futures open interest on Binance, signaling trader repositioning and reduced speculative fervor in that segment. Political volatility from the Charlie Kirk incident briefly spiked risk premiums, but broader sentiment remains anchored by expectations of accommodative Fed policy. Equities / Rates: Oracle's stock surged 36%, marking its best day since 1992 and adding roughly \$244 billion in market cap, pushing it closer to a \$1 trillion valuation. This rally underscores strong tech sector momentum, likely fueled by AI and cloud growth narratives. CoreWeave also gained on news of a new AI venture fund, highlighting investor appetite for AI infrastructure plays. Rates markets are pricing in increased odds of Fed easing later this year, supporting risk assets and crypto alike. FX & Commodities: No significant FX or commodity moves reported; however, low-latency networking advances from NVIDIA targeting financial services may incrementally enhance execution efficiency in quant trading environments, potentially reducing slippage and improving alpha capture. What to Watch: • September Fed meetings for clarity on rate cut timing and magnitude. • Crypto market flows post-XRP futures OI decline—potential rotation into Bitcoin and Ethereum. • Tech sector earnings and AI infrastructure investments as key drivers of equity momentum.

■ Hot List

Mode introduces AI Quant for Kalshi crypto markets using Synthdata predictive intelligence

Mode has launched its AI Quant system in collaboration with SynthdataCo, targeting Kalshi's crypto markets. This integration leverages Synthdata's predictive intelligence to enhance digital asset trading strategies. The AI Quant aims to improve market forecasting and decision-making by analyzing vast datasets and identifying actionable patterns. This development could influence trading flows and positioning by providing quant traders with advanced predictive tools. The move highlights growing adoption of AI-driven models in crypto derivatives markets, potentially impacting price action through more informed trading signals.

Read more: <https://cryptobriefing.com/mode-ai-quant-launch-kalshi-crypto-markets-synthdataco/>

Crypto Briefing

XRP Futures Cooloff: Binance OI Declines 37% From Peak

XRP futures open interest (OI) on Binance has declined by 37% from its peak, dropping to approximately \$1.1 billion. This reduction in OI suggests a notable cooldown in trader activity and potential repositioning in the XRP futures market. The decrease in OI may reflect reduced speculative interest or profit-taking after a period of heightened volatility. Such shifts in futures positioning can impact price dynamics and liquidity in the XRP market. Monitoring OI trends on major exchanges like Binance remains crucial for understanding market sentiment and potential price movements in XRP.

Read more: <https://bitcoinist.com/xrp-futures-cooloff-binance-oi-declines-37-peak/>

Bitcoinist

Bitcoin at \$112k, Ethereum trades at \$4,313. Experts cite hopes of US rate cuts and fresh liquidity

Bitcoin is trading steadily near \$112,000, with Ethereum around \$4,313, supported by market optimism over potential U.S. interest rate cuts and increased institutional liquidity. Analysts highlight September as a pivotal month, noting the SEC's move to ease compliance regulations and Nasdaq's exploration of tokenized securities, which could enhance crypto market infrastructure. These developments are driving positive sentiment and inflows into digital assets. The combination of anticipated monetary easing and regulatory clarity is attracting both retail and institutional investors, potentially boosting crypto market volumes and price stability in the near term.

Read more: <https://economictimes.indiatimes.com/markets/cryptocurrency/bitcoin-at-112k-ethereum-trades-at-4313-experts-cite-hopes-of-us-rate-cuts-and-fresh-liquidity/articleshow/123779359.cms>

The Times of India

Maximizing Low-Latency Networking Performance for Financial Services with NVIDIA Rivermax and NEIO FastSocket

NVIDIA highlights advancements in ultra-low latency networking tailored for financial services, emphasizing the integration of NVIDIA Rivermax and NEIO FastSocket technologies. These solutions aim to enhance packet delivery reliability and reduce latency, critical for high-frequency trading and real-time market data processing. By leveraging GPU acceleration and optimized network stacks, financial firms can achieve faster data throughput and improved execution speeds. This technology addresses the growing demand for low-latency infrastructure to maintain competitive advantages in trading and risk management. Enhanced networking performance supports better market responsiveness and algorithmic trading efficiency.

Read more: <https://developer.nvidia.com/blog/maximizing-low-latency-networking-performance-for-financial-services-with-nvidia-rivermax-and-neio-fastsocket/>

Nvidia.com

CoreWeave stock rises after announcing new AI venture fund

CoreWeave's stock experienced a notable uptick following the announcement of a new venture fund focused on AI infrastructure. This strategic move aims to solidify CoreWeave's position in the growing AI sector by investing in startups that complement its core business. The market responded positively, reflecting investor confidence in the company's growth prospects amid increased demand for AI-related technologies. This development could influence flow dynamics as funds may reallocate towards AI infrastructure plays. CoreWeave's positioning as a key AI infrastructure provider is expected to strengthen, potentially impacting sector valuations and trading volumes.

Read more: <https://qz.com/coreweave-ventures-ai-stock-brannin-mcbee>

Quartz India

Oracle stock gains 36% to post best day since 1992, adding \$244 billion in value

Oracle shares surged 36%, marking their best single-day gain since 1992 and adding approximately \$244 billion in market value. This sharp rally pushes Oracle closer to the \$1 trillion market capitalization milestone. The price action reflects strong investor enthusiasm, likely driven by robust cloud backlog growth and AI-related business momentum. Such a significant move suggests a potential shift in

positioning among institutional investors, with increased flows into Oracle stock. This event could influence sector rotation within tech and cloud-related equities, highlighting the impact of AI integration on market valuations.

Read more: <https://www.cnn.com/2025/09/10/oracle-stock-cloud-backlog-ai.html>

US Top News and Analysis

Opendoor taps new CEO and names Keith Rabois chairman, boosting stock 30%

Opendoor's stock surged 30% following the announcement of a new CEO appointment and the addition of Keith Rabois, a co-founder and prominent investor, as chairman. The leadership changes have been well-received by the market, signaling potential strategic shifts and renewed investor confidence. This price action reflects strong positive sentiment and could attract increased trading volumes and institutional interest. The move may also impact Opendoor's positioning within the real estate tech sector, potentially influencing future capital flows and valuation metrics.

Read more: <https://www.cnn.com/2025/09/10/opendoor-stock-jumps-20percent-after-company-taps-ex-shopify-coo-as-new-ceo.html>

US Top News and Analysis

CNBC's The China Connection newsletter: A rival AI strategy

China is aggressively expanding its artificial intelligence sector amid escalating tech competition with the U.S. The government is significantly increasing funding and policy support to accelerate AI development and deployment. This surge in investment is expected to impact global tech supply chains and could shift market dynamics in AI-related equities. Chinese tech firms are receiving preferential treatment, potentially altering sector positioning and attracting capital flows. The intensified rivalry may lead to increased volatility in tech stocks and influence international regulatory approaches to AI innovation.

Read more:

<https://www.cnn.com/2025/09/10/cnbc-the-china-connection-newsletter-a-rival-ai-strategy.html>

US Top News and Analysis

Wall Street strategists pile on S&P; 500 upgrades as AI mania bolsters 'glass-half-full' view of US economy

Wall Street strategists are raising S&P; 500 price targets amid strong earnings reports and a surge in AI-related investments, reinforcing a positive outlook on the US economy. The AI boom is driving optimism about sustained corporate profitability and economic resilience despite inflation concerns. This has led to increased bullish positioning in equity markets, particularly in tech-heavy sectors benefiting from AI advancements. Market flows show heightened demand for growth stocks, pushing indices higher. The upgrades reflect confidence in continued earnings momentum and a "glass-half-full" sentiment prevailing among investors.

Read more: <https://finance.yahoo.com/news/wall-street-strategists-pile-on-sp-500-upgrades-as-ai-mania-bolsters-glass-half-full-view-of-us-economy-160303072.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

Dow Jones Futures: Nvidia, GE Vernova Lead New Buys As Oracle Drives AI Stocks

Dow Jones futures showed selective buying interest with Nvidia and GE Vernova leading inflows, driven by renewed enthusiasm in AI-related stocks. Oracle's strong performance helped fuel the AI sector, contributing to targeted gains despite an overall lackluster market day. The broader market showed muted price action, reflecting cautious investor positioning amid mixed signals. This selective sector rotation highlights ongoing interest in tech and energy innovation plays, even as general market momentum remains subdued. Flow data suggests concentrated demand in AI and clean energy names, with Nvidia and GE Vernova as key beneficiaries.

Read more: <https://finance.yahoo.com/m/64a96e4d-a748-374d-8efd-5ccbccb308cb/dow-jones-futures-%3A-nvidia%2C-ge.html?.tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

S&P;, Nasdaq notch record-high closes as Oracle soars on AI optimism

The S&P; 500 and Nasdaq closed at record highs, gaining 0.3% and slightly respectively, while the Dow fell nearly 0.5%. Oracle surged 36%, its largest one-day gain since 1992, nearing a \$1 trillion market cap after announcing multi-billion dollar AI contracts, signaling a major earnings and cash flow shift. AI-related chip stocks Nvidia (+4%) and Broadcom (+10%) also rallied, alongside data center power suppliers like Constellation Energy and Vistra, each up over 6%. Apple declined over 3%, marking its fourth consecutive drop amid AI concerns. Synopsys plunged nearly 36% after missing revenue estimates. Market focus shifts to upcoming U.S. consumer price data for inflation insights.

Read more: <https://finance.yahoo.com/video/p-nasdaq-notch-record-high-221629714.html?.tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

■ Articles

quant-met 0.1.3

The release of quant-met 0.1.3 on Pypi.org introduces a tool designed to calculate superconductivity in flat-band systems. While this update is primarily scientific and technical, it holds potential implications for quantitative finance by enhancing modeling capabilities in complex systems analysis. Improved understanding of superconductivity phenomena could inspire novel algorithmic approaches or risk models that leverage physics-based insights. However, there are no direct market data points, price actions, policy changes, or flow information linked to this release. Its relevance remains mostly theoretical for quants interested in cross-disciplinary methodologies.

Read more: <https://pypi.org/project/quant-met/0.1.3/>

Pypi.org

hikyuu 2.6.8.4

The release of Hikyuu Quant Framework version 2.6.8.4 on PyPI offers enhanced tools for system trading analysis and backtesting. This update likely includes improvements in data handling, strategy evaluation, and performance metrics, aiding quantitative traders in refining algorithmic models. The framework supports robust backtesting capabilities, crucial for validating trading strategies against historical market data. Such tools are essential for quant researchers focusing on price action, market flows, and positioning analysis. The availability of this updated version may influence the adoption of

more sophisticated quantitative methods in trading workflows.

Read more: <https://pypi.org/project/hikyuu/2.6.8.4/>

Pypi.org

Thirty-Three Years Of Trading Anecdotes And Some Lessons Learned

The article reflects on 33 years of trading experience, emphasizing key lessons relevant to market participants. It highlights the importance of risk management, adaptability to changing market conditions, and the value of maintaining discipline during volatile periods. The author discusses how quantitative strategies must evolve with new data and market structures to remain effective. Additionally, the piece underscores the significance of understanding market psychology and positioning to anticipate price movements. While anecdotal, the insights reinforce the need for continuous learning and robust strategy calibration in trading.

Read more: <https://www.forbes.com/sites/vineerbhansali/2025/09/09/thirty-three-years-of-trading-anecdotes-and-some-lessons-learned/>

Forbes

Nutritional supplement containing a nuclear fraction of bovine thymus gland increases the circulating levels of spermidine

The study reports that a nutritional supplement containing a nuclear fraction of bovine thymus gland significantly increases circulating levels of spermidine, a polyamine linked to longevity and cellular health. Polyamines like spermidine, spermine, and putrescine are essential for various physiological functions and have recently attracted attention for their potential anti-aging benefits. The findings suggest potential for supplements to modulate polyamine levels, which could influence healthspan and disease prevention strategies. However, the research is primarily biological and does not directly impact financial markets, trading flows, or asset pricing.

Read more: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0331813>

Plos.org

DXA-derived visceral adipose tissue reference values and metabolic syndrome risk threshold in an Algerian adult population

The article presents reference values for visceral adipose tissue (VAT) derived from DXA scans in an Algerian adult population, highlighting its association with metabolic syndrome and insulin resistance. It emphasizes population-specific VAT thresholds, noting variations by gender and age, which are critical for accurate cardiometabolic risk assessment. These findings could influence healthcare data analytics and risk modeling in North African markets, potentially impacting insurance and healthcare sectors. While not directly related to financial markets, the study's insights into health risk stratification may inform long-term demographic and economic forecasts.

Read more: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0331867>

Plos.org

‘This Is Not A Murder Mystery’: Everyone’s A Suspect In Trailer For Euro Whodunit Series

The provided news is about a European whodunit TV series trailer release and does not contain financial market data, price action, policy updates, flows, or positioning information relevant to market or quant analysis. Therefore, it holds no direct relevance to financial markets or quantitative trading strategies.

Read more: <http://deadline.com/2025/09/this-is-not-a-murder-mystery-gets-trailer-1236513113/>

Deadline

MF Tracker: Can a 9-out-of-10 times large & mid cap winner sustain its momentum?

Quant Large & Mid Cap Fund, leveraging an algorithm-driven strategy, has historically outperformed its category in most years over the past decade, demonstrating strong momentum in large and mid-cap segments. Despite recent underperformance relative to its benchmark, the fund's data-driven approach continues to attract attention for potential rebound and sustained returns. Analysts emphasize the fund's robust stock selection process and disciplined rebalancing as key factors supporting future performance. Market positioning remains focused on high-conviction large and mid-cap stocks, with flows reflecting cautious optimism amid recent volatility. The fund's quantitative methodology offers a systematic edge in navigating evolving market conditions.

Read more: <https://m.economictimes.com/mf/analysis/mf-tracker-can-a-9-out-of-10-times-large-mid-cap-winner-sustain-its-momentum/articleshow/123780750.cms>

Economictimes.com

Suspect in Charlie Kirk killing in custody, FBI director Patel says

The news of Charlie Kirk being shot and the suspect in custody has caused a sudden spike in market volatility, particularly in sectors sensitive to political and social unrest. President Trump's social media post has amplified attention, potentially impacting sentiment-driven trading and short-term risk premiums. While direct financial market implications remain limited, increased uncertainty could influence safe-haven flows and volatility indices. Market participants should monitor related developments for potential shifts in risk appetite and positioning. No immediate policy changes are expected, but the situation warrants close observation for any broader geopolitical ramifications.

Read more: <https://www.cnbc.com/2025/09/10/charlie-kirk-uvu-shooting-utah.html>

US Top News and Analysis

Emergence of an 'anti-Western alliance' raises questions about a new axis of power

The emerging alliance between China, Russia, and North Korea signals a potential shift in global power dynamics, raising concerns among analysts about increased geopolitical risks. This bloc's strengthening ties may lead to heightened market volatility, particularly in sectors sensitive to geopolitical tensions such as energy, defense, and commodities. Investors should monitor related currency movements, especially the yuan, ruble, and won, alongside shifts in safe-haven assets like gold and U.S. Treasuries. Policy responses from Western nations could include sanctions or trade restrictions, impacting global supply chains and capital flows. Positioning in emerging markets and geopolitical risk-sensitive assets may require reassessment amid this evolving landscape.

Read more: <https://www.cnbc.com/2025/09/11/china-led-anti-western-alliance-is-worrisome-security-expert-warns.html>

US Top News and Analysis

The Ultimate Growth Stock to Buy With \$1,000 Right Now

Latin America's leading e-commerce and fintech company is highlighted as a prime growth stock opportunity, suggesting significant upside potential for investors. The article implies strong market positioning in a rapidly expanding regional digital economy, driven by increasing consumer adoption and fintech integration. While specific price data or recent performance metrics are not detailed, the emphasis on growth prospects indicates positive sentiment and potential inflows from growth-oriented funds. This aligns with broader trends favoring emerging market tech and fintech sectors, which may influence positioning and sector rotation strategies. Investors should monitor valuation and regional economic policies impacting digital commerce.

Read more: <https://www.fool.com/investing/2025/09/10/the-ultimate-growth-stock-to-buy-with-1000-right-now/?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

Schlumberger (SLB) Exceeds Market Returns: Some Facts to Consider

Schlumberger (SLB) closed at \$36.16 in the latest trading session, marking a 1.06% increase from the previous day. This price action outperformed broader market indices, suggesting relative strength in the energy services sector. The stock's positive movement may reflect favorable positioning or flows into energy-related equities amid current market conditions. No specific policy changes or macroeconomic data were highlighted, but the outperformance indicates potential investor confidence or sector rotation. Quantitative strategies might consider SLB's momentum and sector correlations for portfolio adjustments.

Read more:

<https://finance.yahoo.com/news/schlumberger-slb-exceeds-market-returns-215004722.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

The knotty real history of Fed 'independence'

The FT Alphaville article explores the complex history of Federal Reserve independence, highlighting how the Fed's autonomy has evolved amid political and economic pressures. It underscores that the Fed's policy decisions have often been influenced by government priorities, challenging the notion of complete independence. This historical perspective is relevant for market participants assessing the Fed's future policy moves, as it suggests potential for political considerations to impact rate decisions and communication strategies. Understanding this dynamic can inform quant models that incorporate policy risk and central bank behavior in forecasting interest rates and market volatility.

Read more: <https://www.ft.com/content/38458676-ce11-4e45-8c58-99627d60eda1>

FT Alphaville

FTAV's further reading

The FT Alphaville article covers diverse topics including JPMorgan's market insights, the impact of school shootings on social sentiment, currency movements, and the growing role of AI in job applications and employment. JPMorgan's analysis likely touches on macroeconomic trends influencing currency markets and risk sentiment. The discussion on AI highlights its increasing integration into hiring processes, potentially affecting labor market dynamics and productivity. Additionally, ICE's role in market infrastructure and trading is noted, suggesting ongoing developments in exchange operations and regulatory environments. These themes collectively inform market

participants on evolving risks and technological shifts impacting financial markets.

Read more: <https://www.ft.com/content/f704c8c2-20c6-495a-90ef-b290e65af968>

FT Alphaville

Abolish monthly UK GDP

The FT Alphaville article discusses the debate around abolishing the monthly UK GDP release, suggesting it may be more noise than signal for markets. Monthly GDP data often leads to volatile price action due to its high-frequency nature, but its accuracy and usefulness for real-time policy and market decisions are questioned. The piece implies that less frequent, more reliable data could reduce market whipsaws and improve positioning strategies. This debate is relevant for quant models relying on macroeconomic inputs, as data quality and release frequency impact signal extraction and trading algorithms. No immediate policy changes are announced, but the discussion highlights evolving views on economic data dissemination.

Read more: <https://www.ft.com/content/288de812-b4f4-48d2-b72c-ecd86e6878b7>

FT Alphaville

Do central banks really have more gold than US Treasury bonds?

FT Alphaville examines the claim that central banks hold more gold than US Treasury bonds, analyzing official data on reserves. While gold reserves have grown, US Treasury holdings by central banks remain substantial, with the US debt still a dominant reserve asset globally. The article highlights discrepancies in reported figures and the complexities of reserve composition, emphasizing that central banks' gold holdings, though significant, do not surpass their US Treasury bond holdings. This insight is relevant for market participants assessing reserve asset flows and central bank positioning amid shifting monetary policies and geopolitical tensions.

Read more: <https://www.ft.com/content/0dbc435d-7d7e-43d7-b730-b8ced4b1cba2>

FT Alphaville

Bad news: there's more of it about

The FT Alphaville article charts over 40 years of Financial Times coverage, highlighting persistent waves of negative news impacting markets. The historical data underscores recurring themes of economic downturns, geopolitical tensions, and financial crises, which have consistently influenced market volatility and investor sentiment. This long-term perspective suggests that market participants should remain vigilant to cyclical patterns of bad news that often trigger sharp price adjustments and shifts in risk positioning. The analysis may inform quant models by emphasizing the importance of incorporating news sentiment and macroeconomic event clustering into predictive frameworks. Overall, the piece reinforces the enduring impact of negative news flows on market dynamics.

Read more: <https://www.ft.com/content/9a99c07c-e0a7-470e-9f61-72423f020b06>

FT Alphaville

■ AI & Finance

Apple stock slips after “Awe-Dropping” iPhone 17 event as Wall Street unimpressed with incremental upgrades

Apple Inc. (AAPL) shares declined 0.24% to \$237.31 following its iPhone 17 event, which Wall Street deemed underwhelming due to incremental upgrades. Despite unveiling a comprehensive product lineup, including upgraded Apple Watch models, investors showed muted enthusiasm, reflecting cautious positioning. The modest price reaction suggests market participants are awaiting more significant innovation or clearer growth catalysts. This subdued response may influence short-term trading flows and sentiment around tech sector momentum. Overall, the event failed to generate a strong bullish impulse in Apple's stock price or broader market impact.

Read more: <https://economictimes.indiatimes.com/news/international/us/apple-stock-slips-after-awe-dropping-iphone-17-event-as-wall-street-unimpressed-with-incremental-upgrades/articleshow/123792119.cms>

The Times of India

How to turn crypto news into trade signals using Grok 4

Grok 4 offers a tool that converts crypto news into quantifiable trade signals by analyzing sentiment and market impact. It uses natural language processing to map news sentiment, enabling traders to identify bullish or bearish trends in real-time. The platform supports strategy development by integrating news-driven signals with price and volume data, enhancing decision-making. This approach helps quantify market sentiment shifts, potentially improving timing and positioning in volatile crypto markets. Grok 4's methodology is relevant for quants focusing on alternative data sources to refine trading algorithms and capture alpha from news flow.

Read more: <https://cointelegraph.com/news/how-to-turn-crypto-news-into-trade-signals-using-grok-4>

Cointelegraph

ARM's EducateAI: Powering America's Next Generation Of AI Innovators

Arm's EducateAI initiative aims to enhance AI education across the U.S. by providing workshops and tools to millions of students and educators. This program supports workforce development in AI, potentially increasing future demand for AI-related technologies and semiconductor products. As Arm is a key player in chip design, broader AI adoption could drive growth in semiconductor markets and related equities. The initiative aligns with trends favoring AI innovation and talent cultivation, which may influence long-term investment flows into AI and tech sectors. No immediate market-moving data or price action reported.

Read more: <https://www.forbes.com/sites/timbajarin/2025/09/09/arms-educateai-powering-americas-next-generation-of-ai-innovators/>

Forbes

■ Quant Keywords & Mini-Glossary

Open Interest (OI) — [Total outstanding derivative contracts not yet settled, indicating market activity and positioning.]

Futures Positioning — [The distribution of trader positions in futures contracts, reflecting market sentiment and potential price impact.]

Price Action — [The movement of an asset's price over time, used to analyze market trends and trader behavior.]

Trading Flows — [The movement of capital into and out of assets or sectors, influencing liquidity and price dynamics.]

Market Sentiment — [Overall attitude of investors toward a particular market or asset, affecting buying and selling decisions.]

Volatility — [Measure of price fluctuations over time, indicating risk and uncertainty in the market.]

Liquidity — [The ease with which an asset can be bought or sold without affecting its price.]

Algorithmic Trading — [Use of computer algorithms to automate trading decisions and execution.]

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

Risk Management — [Techniques to identify, assess, and mitigate financial risks in trading and investment.]

Positioning — [The aggregate holdings or exposure of market participants in a particular asset or sector.]

Sector Rotation — [Shifting investment allocations between sectors based on market outlook or economic cycles.]

Momentum — [The tendency of asset prices to continue moving in the same direction due to persistent trends.]

Low-Latency Trading — [Trading strategies that rely on minimal delay in data transmission and order execution.]

Predictive Intelligence — [Use of AI and data analytics to forecast market movements and inform trading decisions.]

Sentiment Analysis — [Quantifying market sentiment by analyzing news, social media, or other textual data.]

Flow Data — [Information on capital movements into and out of assets, sectors, or markets.]

Price Targets — [Analyst or model-based projections of future asset prices.]

Earnings Momentum — [The trend of improving or deteriorating corporate earnings influencing stock prices.]

Vol Surface — [Graphical representation of implied volatility across different strike prices and maturities.]

Term Premium — [Extra yield investors require to hold longer-term securities instead of rolling short-term ones.]

Convexity — [Measure of the curvature in the relationship between bond prices and yields, affecting interest rate risk.]

Value at Risk (VaR) — [A statistical technique to estimate the potential loss in a portfolio over a given time frame.]

Realized vs Implied Volatility — [Comparison between actual historical volatility and market-expected future volatility.]

Order Flow Imbalance — [Difference between buy and sell orders, indicating pressure that may move prices.]