

Quant Daily Digest

■ Daily Overview

Macro & Sentiment Manufacturing-focused mutual funds underperformed in 2025, primarily due to heavy small-cap exposure amid broader market strength in large-cap manufacturing stocks. This divergence signals ongoing sector rotation and risk aversion within smaller industrial firms. Political uncertainty is rising as Fed Chair Powell faces an investigation and mounting Republican opposition, injecting volatility into monetary policy expectations. Meanwhile, Trump's proposed 10% cap on credit card rates faces skepticism from banks, highlighting regulatory risk concerns in consumer finance. Bitcoin remains near \$90,000, with investors cautious ahead of key US jobs data and a Supreme Court ruling on global tariffs, reflecting a wait-and-see stance in risk assets. Equities / Rates Small-cap equities remain under pressure, evidenced by the Quant Small Cap Fund's December moves—exiting LIC and adding Adani Green Energy—indicating a defensive tilt within the segment. Large-cap manufacturing stocks outperformed, suggesting a bifurcated equity landscape. Rate markets are likely digesting the political noise around Powell and potential shifts in Fed leadership, with cautious positioning ahead of US labor data. Credit markets may face headwinds if regulatory proposals on interest rate caps gain traction, potentially impacting bank profitability and credit spreads. FX & Commodities Gold and silver opened flat to slightly higher, reflecting cautious positioning ahead of US jobs data. The precious metals market remains supported by long-term fundamentals amid geopolitical and policy uncertainties. Bitcoin's consolidation near \$90k underscores mixed crypto sentiment, awaiting catalysts from macroeconomic data and legal rulings. What to Watch • US January jobs report for labor market and Fed policy cues • Supreme Court decision on global tariffs impacting trade sentiment • Developments in Powell investigation and Capitol Hill political dynamics

■ Hot List

Manufacturing funds stumble in 2025

In 2025, manufacturing-focused mutual funds underperformed primarily due to their significant exposure to small-cap stocks, which lagged behind the broader market. While large-cap stocks within the manufacturing sector delivered strong gains, the small-cap segment's weakness weighed heavily on overall fund performance. This divergence highlights the risk of concentrated small-cap holdings amid a market environment favoring larger, more stable companies. Fund flows may shift as investors reassess risk exposure, potentially leading to rebalancing towards large-cap manufacturing stocks. Positioning in manufacturing funds is likely to be scrutinized for small-cap risk going forward.

Read more: <https://www.thehindubusinessline.com/portfolio/mutual-funds/manufacturing-funds-stumble-in-2025/article70489785.ece>

BusinessLine

Quant Small Cap Fund: LIC and Adani Green Energy among stocks bought and sold in December

In December, the Quant Small Cap Fund adjusted its portfolio by adding Adani Green Energy and fully exiting LIC, reflecting a strategic shift. The fund increased exposure to select small-cap stocks while maintaining a defensive stance, emphasizing liquidity and calibrated risk management. These moves suggest a cautious approach amid market volatility, focusing on quality and liquidity in the small-cap segment. The fund's selective buying and selling indicate active positioning to navigate uncertain

market conditions. Overall, the fund balances growth potential with risk mitigation through targeted stock selection and portfolio adjustments.

Read more: <https://m.economictimes.com/mf/analysis/quant-small-cap-fund-lic-and-adani-green-energy-among-stocks-bought-and-sold-in-december/quant-small-cap-fund/slideshow/126449415.cms>

Economictimes.com

Bitcoin hovers around \$90,000 as investors await US jobs data and Supreme Court decision on global tariffs

Bitcoin remained near the \$90,000 mark as investors awaited key US jobs data and a Supreme Court decision on global tariffs, which could influence market sentiment. The broader cryptocurrency market showed mixed performance, reflecting consolidation phases and cautious investor positioning. Notably, ETF outflows were observed, indicating some risk-off behavior amid geopolitical uncertainties. These factors suggest a wait-and-see approach among market participants, with potential volatility hinging on upcoming economic data and policy rulings. Overall, the crypto market is in a holding pattern, balancing between bullish price levels and external macroeconomic risks.

Read more: <https://economictimes.indiatimes.com/markets/bitcoin-hovers-around-90000-as-investors-await-us-jobs-data-and-supreme-court-decision-on-global-tariffs/articleshow/126430860.cms>

The Times of India

Trump's credit card rate cap plan has unclear path, 'devastating' risks, bank insiders say

Former President Trump's proposal to cap credit card interest rates at 10% faces significant challenges and risks, according to bank insiders. The cap would render large portions of the credit card market unprofitable, particularly for customers with subprime credit profiles. This could lead to tightened credit availability and reduced lending volumes, impacting bank earnings and credit market liquidity. The enforcement mechanism for such a cap remains unclear, adding regulatory uncertainty. Market participants may adjust positioning in bank stocks and credit-related instruments in anticipation of potential policy shifts and their implications on credit risk and profitability.

Read more: <https://www.cnbc.com/2026/01/12/trump-credit-card-rate-cap-enforcement-path-risks.html>

US Top News and Analysis

Powell investigation: Drumbeat of Republican opposition grows on Capitol Hill

Federal Reserve Chair Jerome Powell disclosed he is under investigation amid escalating Republican opposition on Capitol Hill, intensifying political risks surrounding the Fed's leadership. This development adds uncertainty to Powell's tenure and could influence market sentiment, particularly in interest rate expectations and Treasury yields. The investigation stems from ongoing tensions between Powell and President Trump, potentially impacting Fed policy credibility. Market participants may adjust positioning in response to increased political scrutiny, affecting bond and equity flows. The situation warrants close monitoring for shifts in monetary policy guidance and risk appetite.

Read more: <https://www.cnbc.com/2026/01/12/powell-investigation-gop-opposition-congress.html>

US Top News and Analysis

Trump says any country doing business with Iran will face 25% U.S. tariff

Former President Trump announced a 25% U.S. tariff on any country conducting business with Iran, intensifying economic pressure amid Iran's ongoing anti-government protests. This policy signals potential disruptions in global trade flows, particularly impacting countries engaged in energy and commodity markets linked to Iran. The tariff threat could lead to shifts in supply chains and increased volatility in oil prices, given Iran's role as a significant oil exporter. Market participants should monitor changes in trade volumes and geopolitical risk premiums, as well as potential shifts in currency and bond markets related to Iran and its trading partners.

Read more: <https://www.cnn.com/2026/01/12/trump-tariffs-iran-business.html>

US Top News and Analysis

Apple picks Google's Gemini to run AI-powered Siri coming this year

Google's market capitalization has overtaken Apple's for the first time since 2019, driven by advancements in artificial intelligence. Apple announced it will integrate Google's Gemini AI model to power its Siri voice assistant later this year, signaling a strategic shift in leveraging external AI technology. This move highlights increased collaboration between tech giants amid intensifying AI competition. Market implications include potential shifts in tech sector valuations and investor sentiment, as AI capabilities become a key differentiator. The integration may influence future revenue streams and user engagement metrics for both companies.

Read more: <https://www.cnn.com/2026/01/12/apple-google-ai-siri-gemini.html>

US Top News and Analysis

Stock Market Today, Jan. 12: Iren Jumps on Bernstein Naming It Top AI Pick After Microsoft Contract Win

Iren, a Bitcoin-linked data center operator, surged following Bernstein naming it a top AI pick after securing a contract with Microsoft. The deal highlights Iren's strategic pivot towards AI, boosting investor confidence in its growth prospects. This move underscores increased market interest in AI-related infrastructure plays, driving notable price action in Iren's shares. The contract win and analyst endorsement may influence flows into AI-focused equities and related sectors. Market participants are likely recalibrating positioning to capture potential upside from AI adoption in data center operations.

Read more: <https://www.fool.com/coverage/stock-market-today/2026/01/12/stock-market-today-jan-12-iren-jumps-on-bernstein-naming-it-top-ai-pick-after-microsoft-contract-win/?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

Stock Market Today, Jan. 12: Walmart Jumps on Nasdaq 100 Inclusion

On January 12, 2026, Walmart's stock surged following its inclusion in the Nasdaq-100 index, marking a significant shift in its market positioning towards tech-driven growth. The move is expected to increase passive fund flows into Walmart shares as index-tracking ETFs adjust their holdings. Additionally, Walmart announced a strategic partnership with Google Gemini, enhancing its technological capabilities and investor appeal. This combination of index inclusion and tech

collaboration has driven notable price action, signaling increased institutional interest and potential re-rating of the retail giant. Market participants should monitor changes in Walmart's volume and volatility as these developments unfold.

Read more: <https://www.fool.com/coverage/stock-market-today/2026/01/12/stock-market-today-jan-12-walmart-jumps-on-nasdaq-100-inclusion/?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

US Equity Indexes Rise, Gold Hits New Record, Dollar Slips After Justice Department Unveils Fed Probe

US equity indexes advanced on Monday following the Justice Department's announcement of a probe into the Federal Reserve, signaling potential regulatory scrutiny but limited immediate market disruption. The S&P; 500, Nasdaq, and Dow Jones all posted gains, reflecting investor confidence amid the news. Gold prices surged to new record highs, driven by safe-haven demand amid uncertainty. Meanwhile, the US dollar weakened against major currencies, pressured by concerns over the Fed's policy outlook and potential impacts of the investigation. Market positioning suggests increased risk aversion, with flows favoring precious metals and equities over the dollar.

Read more: <https://finance.yahoo.com/news/us-equity-indexes-rise-gold-222002974.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

Stock Market Today: Dow, S&P; 500 Close At Highs; Alphabet Hits \$4 Trillion Mark (Live Coverage)

The Nasdaq Composite outperformed the Dow and S&P; 500, with all major indices closing at new highs. Alphabet's market capitalization surged past the \$4 trillion mark, highlighting strong investor confidence in tech stocks. The Dow and S&P; 500 also posted gains, reflecting broad market strength. This rally suggests positive momentum in growth-oriented sectors, supported by robust earnings and favorable macroeconomic conditions. Market positioning appears tilted towards technology and large-cap growth names, with flows favoring equities over bonds amid easing inflation concerns.

Read more: <https://finance.yahoo.com/m/29d744ef-20a6-35bb-b848-15caeacc000d/stock-market-today%3A-dow%2C-s%26p.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

Market bullishness, chip stocks, gold and silver: Market Takeaways

US stocks closed higher on Monday, with broad bullishness seen across large-cap and small-cap equities. The chip sector showed notable strength, contributing to the positive market sentiment. Precious metals, including gold and silver, also experienced price gains amid the risk-on environment. The rally follows news of a DOJ criminal investigation into Federal Reserve Chair Jerome Powell, which has fueled a "Sell America" trade narrative. Market participants appear to be positioning for continued volatility and potential policy implications stemming from the investigation. Overall, flows favored equities and metals, reflecting cautious optimism despite geopolitical uncertainties.

Read more:

<https://finance.yahoo.com/video/market-bullishness-chip-stocks-gold-220940177.html?tsrc=rss>

Yahoo! Finance: ^GSPC ^IXIC ^DJI News

■ Articles

FA Cup : Macclesfield, le club amateur qui a éliminé Crystal Palace, tenant du titre de la Coupe d'Angleterre

Macclesfield, an amateur football club, achieved a significant upset by eliminating Crystal Palace, the defending FA Cup champions. This unexpected result highlights the unpredictable nature of knockout tournaments, which can impact betting markets and odds volatility. Such outcomes may lead to shifts in market positioning as bettors reassess team strengths and probabilities. The event underscores the importance of incorporating qualitative factors and underdog potential into quantitative models for sports betting and market analysis. Price action in related betting markets likely saw increased volatility following the upset.

Read more: <https://www.sofoot.com/articles/fa-cup-macclesfield-le-club-amateur-qui-a-elimine-crystal-palace-tenant-du-titre-de-la-coupe-dangleterre>

SO FOOT

speterlin-crypto 1.0.5

The speterlin-crypto 1.0.5 Python package offers a comprehensive toolkit for quantitative trading in the cryptocurrency market. It integrates APIs from major exchanges like Kucoin and Binance, facilitating both cold storage of crypto assets and active spot and derivatives trading (hot storage). Additionally, it incorporates data from Coin Market Cap, CoinGecko, and other sources, enabling enhanced market data analysis and strategy development. This package supports quant traders by streamlining data access and execution across multiple platforms, potentially improving trade efficiency and portfolio management in volatile crypto markets.

Read more: <https://pypi.org/project/speterlin-crypto/1.0.5/>

Pypi.org

speterlin-stocks 1.1.0

The speterlin-stocks 1.1.0 Python package offers a comprehensive suite of quant-trading tools focused on stocks, integrating multiple data sources and brokerage APIs. It supports Alpaca brokerage for USD asset storage and 2x margin trading on NYSE and NASDAQ exchanges, enabling leveraged trading strategies. The package aggregates data from Financial Modeling Prep, Google Trends, Yahoo Finance, and Google Finance, providing diverse market and sentiment indicators for quantitative analysis. This integration facilitates systematic trading, portfolio management, and real-time market data access, enhancing algorithmic trading capabilities. The tool is relevant for quants seeking multi-source data and brokerage connectivity for US equities.

Read more: <https://pypi.org/project/speterlin-stocks/1.1.0/>

Pypi.org

Data Update 1 for 2026: The Push and Pull of Data!

The provided source does not contain specific financial data, market price action, policy updates, flows, or positioning details relevant to market or quant analysis. It appears to be a general commentary without actionable quantitative information. Therefore, no concrete market insights can be derived from this update.

Read more:

<https://www.blogger.com/comment/fullpage/post/8152901575140311047/1807025299296313298>

Blogger.com

More efficiency, more demand

The article highlights increasing demand for software engineers and data scientists driven by efficiency gains in technology. As companies seek to optimize operations and leverage data, these roles are becoming critical, leading to robust hiring trends and competitive compensation. The growth in AI and automation tools further amplifies the need for skilled professionals who can develop and manage these systems. This trend suggests sustained capital inflows into tech sectors and potential market outperformance for firms with strong data science capabilities. Quant strategies focusing on tech talent metrics may find alpha opportunities amid this structural shift.

Read more: <https://mikefisher.substack.com/p/more-efficiency-more-demand>

Substack.com

quant-lens added to PyPI

The new Python package "quant-lens" has been added to PyPI, offering a zero-dependency quantization diagnostic toolkit for neural networks. This tool is designed to assist quant-focused researchers and practitioners in analyzing and diagnosing quantization issues in neural network models. By simplifying the quantization diagnostic process without requiring additional dependencies, it could enhance model efficiency and performance, potentially impacting algorithmic trading strategies that rely on neural network predictions. The availability on PyPI ensures easy integration into existing quant workflows and rapid adoption within the quant community.

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

PyPI.org

Gold, silver prices open flat ahead of crucial US data. Should you buy now or wait?

Gold and silver prices on MCX opened flat to slightly higher, reflecting cautious market sentiment ahead of key US jobs data. Despite global volatility, bullion remains supported by long-term fundamentals and ongoing central bank purchases. Analysts recommend waiting for clearer signals post-data release before increasing exposure. The subdued price action suggests market participants are positioning cautiously, awaiting potential volatility from the US employment report that could influence safe-haven demand and flows. Overall, the metals market is in a holding pattern, balancing supportive factors against near-term uncertainty.

Read more: <https://economictimes.indiatimes.com/markets/commodities/news/gold-silver-prices-open-flat-ahead-of-crucial-us-data-should-you-buy-now-or-wait/articleshow/126426802.cms>

The Times of India

Sen. Kelly sues DOD Sec. Hegseth, says he was punished for 'disfavored political speech'

Senator Kelly has filed a lawsuit against Defense Secretary Hegseth, alleging retaliation for his participation in a video advising U.S. troops they can refuse unlawful orders. The Pentagon reportedly plans to reduce Kelly's military retirement pay as a consequence of his involvement in the video. This legal dispute highlights tensions within the Department of Defense regarding political speech and military conduct. The case could have implications for military personnel policies and the intersection of political expression and service obligations. Market impact is limited but may influence defense sector sentiment and government-related risk assessments.

Read more: <https://www.cnbc.com/2026/01/12/kelly-hegseth-lawsuit-video-pentagon.html>

Get your 'Free Jay Powell' T-shirts here

The article highlights growing market frustration with Federal Reserve Chair Jay Powell amid persistent inflation and aggressive rate hikes. Traders and investors express skepticism about the Fed's ability to control inflation without triggering a recession, reflected in volatile bond yields and equity markets. The "Free Jay Powell" T-shirts symbolize market sentiment that Powell is constrained by economic realities and political pressures. This sentiment is influencing positioning, with increased demand for inflation hedges and cautious risk-taking. Market participants are closely watching Fed communications for clues on future policy shifts amid ongoing economic uncertainty.

Read more: <https://www.ft.com/content/92e25389-21f8-4986-aa07-a8069e6be6dc>

FT Alphaville

And the winner is . . .

The article discusses the investment strategies and market impact of T. Boone Pickens, highlighting his focus on energy sector plays, particularly oil and gas. It notes Pickens' ability to capitalize on market inefficiencies and his influence on energy commodity prices through large-scale asset acquisitions and hedging activities. The piece also touches on his use of quantitative analysis to identify undervalued assets and his timing in entering and exiting positions, which has led to significant returns. Market participants are advised to monitor energy sector flows and positioning shifts inspired by Pickens' moves, as they can signal broader trends in commodity markets.

Read more: <https://www.ft.com/content/8b4ccb14-505d-4bc5-b0e9-89f2f6483c26>

FT Alphaville

Bill Pulte: Agent of Chaos

The article profiles Bill Pulte, highlighting his influential role within the Trump administration as a dynamic and unconventional figure. While not directly tied to market data or financial flows, Pulte's activities and connections could impact policy decisions and regulatory environments, potentially affecting market sentiment and positioning. His involvement underscores the unpredictable nature of political influences on economic policies, which quants and market participants should monitor for shifts in risk and opportunity. No immediate price action or quantitative data is presented, but the political backdrop remains a key variable in market dynamics.

Read more: <https://www.ft.com/content/d3b17ee1-7f2f-470c-a4d7-272874b5367a>

FT Alphaville

FTAV's further reading

The FT Alphaville piece covers diverse topics including AI developments, technology sector dynamics, immigration issues, and geopolitical concerns such as Venezuela. It also touches on cultural references and notable figures like Masahiro Sakurai and Nicolai Tangen, with a nod to Markdown formatting. While the article spans broad themes, it lacks specific financial market data, price movements, policy changes, or flow insights relevant to quant strategies or market positioning. The content is more thematic and analytical rather than providing actionable market intelligence.

Read more: <https://www.ft.com/content/9e4f192e-3610-4a3c-b731-84e222f43db9>

FT Alphaville

Investing with gifs: a visual guide

The FT Alphaville article "Investing with gifs: a visual guide" explores the phenomenon of meme stock reversion, highlighting how retail-driven price surges in certain equities are normalizing. It discusses the impact of social media-fueled trading frenzies on market volatility and positioning, noting that meme stocks have seen significant price corrections after initial spikes. The piece underscores the importance of understanding retail flow dynamics and sentiment shifts in quant strategies. It also touches on how these episodic events affect liquidity and risk models, emphasizing the need for adaptive frameworks in quant investing. Overall, the article provides insights into the transient nature of meme-driven market moves and their implications for data-driven trading.

Read more: <https://www.ft.com/content/9b1ff0b8-a1e8-4869-8d61-620c5ed32d35>

FT Alphaville

■ AI & Finance

The Trending Illustration Styles in 2026 Focus on Human Authenticity and Technical Friction

The article discusses emerging illustration trends in 2026, emphasizing a shift towards human authenticity and technical friction in visual culture. This reflects a broader move away from algorithmically polished, generative art towards more imperfect, human-centric narratives. While not directly related to financial markets, the trend signals potential shifts in digital content creation and media consumption, which could influence tech sector valuations and investment flows in creative industries. No immediate market data, price action, or policy changes are noted.

Read more: <https://weandthecolor.com/the-trending-illustration-styles-in-2026-focus-on-human-authenticity-and-technical-friction/207706>

Weandthecolor.com

Two siblings shaping Goldman Sachs share how they rose to the top

The article profiles siblings Neema and Padi Raphael, who have ascended to partner roles at Goldman Sachs during a critical period for the bank. Their rise highlights Goldman's focus on leadership diversity and talent development amid evolving market conditions. While the piece centers on their careers, it indirectly underscores Goldman's strategic emphasis on human capital to navigate regulatory changes and competitive pressures. No direct market data, price movements, or policy shifts are detailed, limiting immediate quant or flow insights. The story reflects broader themes of institutional positioning rather than specific financial metrics or trading implications.

Read more: <https://www.businessinsider.com/goldman-sachs-siblings-neema-padi-raaphael-partners-careers-2026-1>

Business Insider

They're turning the job search into a group project

The article highlights a trend where laid-off Microsoft employees are forming group chats to collaboratively navigate the job market. This collective approach leverages shared information, job leads, and emotional support, potentially accelerating re-employment. Such grassroots networks could influence labor market dynamics by improving job matching efficiency and reducing search frictions. While not directly tied to market data or asset prices, this shift in job search behavior may impact tech

sector employment metrics and related equity valuations. Monitoring these informal networks could offer insights into labor market sentiment and hiring trends in the tech industry.

Read more:

<https://www.businessinsider.com/how-tech-job-seekers-teaming-up-find-work-network-market-2026-1>

Business Insider

AI Adoption Could Lift These 2 Stocks Higher, Says Truist

Truist highlights two stocks poised for gains due to accelerating AI adoption following OpenAI's ChatGPT launch over three years ago. The report underscores generative AI's rapid development as a key growth driver, potentially boosting revenue and market positioning for these companies. While specific stock names and price targets are not detailed, the analysis suggests increased investor interest and potential inflows into AI-focused equities. This aligns with broader market trends favoring technology firms leading AI innovation, impacting sector rotation and portfolio positioning. Quant strategies may consider these signals for momentum and thematic exposure.

Read more: <https://finance.yahoo.com/news/ai-adoption-could-lift-2-111026954.html>

Yahoo Entertainment

Everything we know about how Wall Street's biggest firms, from JPMorgan to Blackstone, are adopting AI

Major Wall Street firms including JPMorgan, Goldman Sachs, Citi, and Blackstone are increasingly integrating AI technologies to enhance operational efficiency and reduce manual tasks. These firms are exploring AI applications for automating routine processes, improving data analysis, and optimizing trading strategies. The adoption of AI is expected to impact workforce dynamics by potentially reducing the need for certain roles while creating demand for tech-savvy talent. This shift could lead to cost savings and improved decision-making speed, influencing market positioning and competitive advantage. Investors should monitor AI-driven changes in workflow and trading algorithms for potential shifts in market behavior and liquidity.

Read more:

<https://www.businessinsider.com/how-wall-street-is-using-ai-jpmorgan-goldman-citi-blackstone>

Business Insider

■ Quant Keywords & Mini-Glossary

Small-cap risk — [Risk associated with investing in smaller companies that may be more volatile and underperform large caps.]

Fund flows — [Movements of money into or out of investment funds, indicating investor sentiment and positioning.]

Liquidity risk — [Risk that assets cannot be bought or sold quickly without significant price impact.]

Risk-off behavior — [Investor preference for safer assets during times of uncertainty or volatility.]

Credit risk — [Risk of loss due to a borrower's failure to repay debt or meet contractual obligations.]

Regulatory uncertainty — [Unpredictability in market conditions caused by potential changes in laws or regulations.]

Interest rate expectations — [Market anticipations about future central bank interest rate moves affecting asset prices.]

Treasury yields — [Returns on government bonds that influence borrowing costs and risk-free rates.]

Geopolitical risk premium — [Additional expected return investors demand for risks related to political events.]

Volatility — [Degree of variation in asset prices over time, reflecting market uncertainty.]

ETF outflows — [Redemptions from exchange-traded funds indicating reduced investor demand.]

Index inclusion effect — [Price impact on stocks added to major indices due to passive fund buying.]

Passive fund flows — [Capital movements into funds that track indices, affecting stock demand.]

Safe-haven demand — [Investor preference for assets perceived as low risk during market stress.]

Market positioning — [Aggregate investor exposure and sentiment toward various asset classes or sectors.]

Price action — [Movement of asset prices used to gauge market sentiment and momentum.]

Sector rotation — [Shifts in investment allocation between sectors based on economic or market cycles.]

Momentum — [Tendency of assets to continue moving in the same price direction.]

Macro data impact — [Effect of economic indicators like jobs reports on market prices and volatility.]

Risk appetite — [Investor willingness to take on risk in pursuit of higher returns.]

Credit market liquidity — [Ease with which credit instruments can be traded without affecting prices.]

Supply chain disruption — [Interruptions in production or delivery that can affect commodity prices and volatility.]

Geopolitical volatility — [Price fluctuations caused by political events or tensions.]

Realized vs implied volatility — [Comparison of actual past volatility to market-expected future volatility.]

Algorithmic trading — [Use of computer programs to execute trades based on predefined criteria.]