### **Quant Daily Digest**

### **■** Daily Overview

Macro & Sentiment The market tone remains cautiously constructive amid ongoing innovation in quant and Al-driven finance. The launch of deep-quant-lib on PyPI, featuring a signature-based primal-dual engine for American option pricing, signals a step-change in model sophistication, likely boosting confidence in derivatives valuation frameworks. Concurrently, MasterQuant's AI bot and Davis Commodities' \$300M+ Al yield engine underscore growing institutional adoption of machine learning to optimize trading and token portfolio returns. Regulatory progress in the UK with six banks piloting tokenized sterling deposits further supports a gradual shift toward programmable money, enhancing transaction efficiency and potentially reducing operational frictions. These developments collectively reinforce a tech-driven, data-centric market environment, even as geopolitical and macro uncertainties linger. Equities / Rates Equity markets remain resilient, buoyed by steady corporate earnings and the wealth effect from sustained equity gains, which may be tempering recession fears. However, the Fed remains in focus amid political noise, with former President Trump's public criticism of Chair Powell underscoring ongoing debate over the pace of rate cuts. Rates markets are pricing in a cautious Fed, balancing inflation risks with growth concerns, while volatility metrics remain subdued, reflecting measured investor positioning. FX & Commodities The sterling market is supported by the tokenization pilot, which may enhance liquidity and payment efficiency in GBP instruments. Silver ETFs continue to attract strong inflows, benefiting from gold's rally and constrained supply, with returns exceeding 50% YTD, suggesting sustained investor appetite for precious metals as a hedge and industrial play. What to Watch • Adoption and market impact of deep-quant-lib on option pricing models and volatility surfaces • Progress and scalability of UK tokenized sterling deposits pilot through 2026 • Fed communication and market reaction amid political commentary on monetary policy trajectory

#### **■** Hot List

#### deep-quant-lib added to PyPI

The newly released deep-quant-lib on PyPI introduces a signature-based primal-dual engine designed for pricing American options. This tool leverages advanced quantitative methods to enhance the accuracy and efficiency of option valuation, particularly for American-style derivatives which require complex early-exercise feature modeling. Its availability on PyPI facilitates easy integration into existing quant workflows, potentially improving model calibration and risk management processes. The library's focus on primal-dual algorithms may offer improved convergence properties and computational performance, relevant for quants dealing with high-dimensional option pricing problems. This addition could influence market participants relying on sophisticated option pricing tools.

Read more: <a href="https://pypi.org/project/deep-quant-lib/">https://pypi.org/project/deep-quant-lib/</a>

Pypi.org

# MasterQuant Launches Al Bot to Enhance Smarter Trading Strategies

MasterQuant has launched a new Al bot aimed at improving adaptive trading strategies for both traders and institutions. The Al-driven tool leverages advanced machine learning to analyze market data and optimize decision-making processes. This innovation is expected to enhance portfolio management by identifying patterns and adjusting to market dynamics in real-time. The launch signals a growing trend

of integrating AI in quantitative finance to boost efficiency and responsiveness in trading. Market participants may see shifts in flow and positioning as adoption of such technology increases.

Read more: <a href="https://www.globenewswire.com/news-release/2025/09/26/3157147/0/en/MasterQuant-Launches-AI-Bot-to-Enhance-Smarter-Trading-Strategies.html">https://www.globenewswire.com/news-release/2025/09/26/3157147/0/en/MasterQuant-Launches-AI-Bot-to-Enhance-Smarter-Trading-Strategies.html</a>

GlobeNewswire

### Davis Commodities Evaluates \$300M+ Al Yield Engine to Reinforce Token Portfolio Performance

Davis Commodities is assessing a \$300 million Al-driven yield engine aimed at enhancing returns on its tokenized finance portfolio, specifically targeting the RYT yield strategy. The Al system is designed to optimize asset allocation and improve yield generation through advanced data analytics and machine learning techniques. This move reflects a growing trend of integrating Al to boost performance in decentralized finance (DeFi) and tokenized asset management. The initiative could influence market flows by increasing demand for Al-optimized tokens and potentially improving liquidity and price stability in related digital assets. Positioning adjustments may follow as investors seek exposure to Al-enhanced yield strategies.

Read more: <a href="https://www.globenewswire.com/news-release/2025/09/26/3157070/0/en/Davis-Commodities-Evaluates-300M-Al-Yield-Engine-to-Reinforce-Token-Portfolio-Performance.html">https://www.globenewswire.com/news-release/2025/09/26/3157070/0/en/Davis-Commodities-Evaluates-300M-Al-Yield-Engine-to-Reinforce-Token-Portfolio-Performance.html</a>
GlobeNewswire

### UK banks to pilot tokenized sterling deposits as lenders explore programmable payments: report

Six major UK banks have launched a live pilot for tokenized sterling deposits, aiming to explore programmable payments and enhance transaction efficiency. The initiative is led by UK Finance with support from Quant, EY, and Linklaters, signaling strong institutional backing. This pilot could pave the way for more automated, secure, and transparent payment processes within the UK banking sector. The move reflects growing interest in integrating blockchain technology into traditional finance, potentially impacting liquidity management and settlement times. Market participants should monitor developments for implications on payment infrastructure and digital asset adoption.

Read more: https://biztoc.com/x/ec2e952cd8618983

Biztoc.com

#### UK Finance launches pilot for tokenised sterling deposits

UK Finance has initiated a pilot program for tokenised sterling deposits (GBTD) involving six banks, running through 2026. The pilot, powered by Quant Network, aims to explore applications such as payments, remortgaging, and bond settlement using digital pounds. This initiative aligns with the UK's broader regulatory efforts, with the FCA preparing crypto regulations expected by 2026. The pilot could influence market liquidity and settlement efficiency by integrating tokenised assets into traditional banking infrastructure. Quantitative traders and market participants should monitor developments for potential impacts on payment flows and asset tokenisation trends.

Read more: <a href="https://coinjournal.net/news/uk-finance-launches-pilot-for-tokenised-sterling-deposits/">https://coinjournal.net/news/uk-finance-launches-pilot-for-tokenised-sterling-deposits/</a> Coinjournal.net

### Programmable bank deposits go live – will blockchain finally shrink fraud?

UK Finance has launched a live pilot for tokenised sterling deposits, aiming to integrate programmable money into everyday payments until mid-2026. London-based fintech Quant is providing the underlying programmable money infrastructure. This initiative could enhance transaction transparency and reduce fraud by leveraging blockchain technology. Market participants should monitor developments as programmable deposits may influence payment flows, settlement efficiency, and risk management in financial markets. The pilot's progress could signal broader adoption of blockchain in traditional banking, impacting liquidity and positioning strategies.

Read more:

https://cryptoslate.com/programmable-bank-deposits-go-live-will-blockchain-finally-shrink-fraud/CryptoSlate

### UK Finance launches pilot for tokenized sterling deposits with 6 banks

UK Finance has initiated a pilot project for tokenized sterling deposits in partnership with Quant Network, involving six major banks including Barclays and HSBC. The initiative aims to explore blockchain-based digital representations of traditional bank deposits, enhancing settlement efficiency and transparency. This move reflects growing institutional interest in integrating distributed ledger technology within mainstream financial infrastructure. The pilot could influence future liquidity management and payment systems by enabling programmable money and real-time settlement. Market participants should monitor developments for potential impacts on deposit flows, counterparty risk, and regulatory frameworks in the UK banking sector.

https://cointelegraph.com/news/uk-finance-tokenized-sterling-deposits-barclays-hsbc-quant Cointelegraph

### Silver ETFs offer up to 55% return so far in 2025. Is there more sheen left?

Silver ETFs have delivered up to 55% returns in 2025, driven by gold's breakout rally and constrained supply conditions. The surge reflects strong industrial demand alongside investment inflows, highlighting silver's dual role as a precious and industrial metal. However, experts caution that silver's high volatility and less stable fundamentals make it more suitable for tactical trading rather than a core portfolio holding. Market participants should monitor supply tightness and demand shifts closely, as these factors will influence silver's price trajectory and ETF flows going forward. The current momentum may face headwinds if industrial demand softens or if gold's rally loses steam.

Read more: <a href="https://m.economictimes.com/mf/analysis/silver-etfs-offer-up-to-55-return-so-far-in-2025-is-there-more-sheen-left/articleshow/124145567.cms">https://m.economictimes.com/mf/analysis/silver-etfs-offer-up-to-55-return-so-far-in-2025-is-there-more-sheen-left/articleshow/124145567.cms</a>

Economictimes.com

# The resilient stock market may be keeping the economy out of a recession. Why that's a bad thing

The article highlights how the resilient stock market is supporting consumer confidence, particularly among those with significant equity holdings, potentially preventing a recession. However, this wealth

effect is uneven, as consumers with smaller or no stock investments are not experiencing the same financial comfort, indicating a divergence in economic sentiment. This disparity may mask underlying economic weaknesses and delay necessary policy adjustments. Market positioning reflects optimism among equity holders, but broader economic data could signal vulnerabilities not captured by stock prices alone. The sustained equity rally may thus be a double-edged sword for economic stability. Read more: <a href="https://www.cnbc.com/2025/09/27/wealth-effect-stock-market-recession.html">https://www.cnbc.com/2025/09/27/wealth-effect-stock-market-recession.html</a> US Top News and Analysis

### President Trump posts cartoon image depicting him firing Fed Chief Powell

Former President Trump posted a cartoon depicting him firing Federal Reserve Chair Jerome Powell, highlighting his ongoing criticism of Powell's cautious stance on interest rate cuts. Trump has labeled Powell "Too Late Powell," reflecting frustration over the Fed's measured pace in easing monetary policy. This public pressure underscores political tensions surrounding Fed policy amid market expectations for more aggressive rate cuts to support economic growth. The commentary may influence market sentiment and positioning, particularly in interest rate futures and Treasury yields, as traders weigh potential shifts in Fed policy direction. Powell's approach remains a focal point for market participants monitoring central bank signals.

Read more: <a href="https://www.cnbc.com/2025/09/27/trump-cartoon-firing-powell-fed.html">https://www.cnbc.com/2025/09/27/trump-cartoon-firing-powell-fed.html</a> US Top News and Analysis

### Meet the Dow Jones Dividend Stock That's on Pace to Beat the S&P; 500 for the Fifth Consecutive Year. Here's Why It's Still a Buy Now.

American Express (AXP) is on track to outperform the S&P; 500 for the fifth consecutive year, driven by its durable competitive advantages and strong dividend profile. The stock's consistent dividend growth and resilient business model make it attractive for long-term investors seeking income and capital appreciation. Despite broader market volatility, AXP's price action reflects steady investor confidence, supported by solid earnings and cash flow metrics. Its positioning within the Dow Jones Industrial Average highlights its role as a stable dividend payer amid fluctuating market conditions. This combination of factors underpins its recommendation as a buy in the current environment.

https://www.fool.com/investing/2025/09/27/buy-dow-jones-dividend-stock-beat-sp-500/?.tsrc=rss Yahoo! Finance: ^GSPC ^IXIC ^DJI News

### Dow Jones Futures: Market Rebounds, 5 Stocks Eye Buy Points; Tesla Deliveries Due

U.S. major indexes rebounded to close the week positively, with Dow Jones futures showing recovery after recent volatility. Notably, Palantir and DoorDash stocks are approaching technical buy points, signaling potential entry opportunities for traders. Market participants are closely watching Tesla's upcoming delivery numbers, which could impact sentiment in the auto and tech sectors. Additionally, key economic events such as the upcoming jobs report and the risk of a government shutdown are contributing to cautious positioning. These factors are likely influencing flows and volatility in equity markets as investors weigh near-term risks and opportunities.

Read more: <a href="https://finance.yahoo.com/m/18031d71-85bc-38ca-a9ce-bf4930d4193f/dow-jones-futures/3A-market.html?.tsrc=rss">https://finance.yahoo.com/m/18031d71-85bc-38ca-a9ce-bf4930d4193f/dow-jones-futures/3A-market.html?.tsrc=rss</a>

# Why BTQ Technologies (NEOE:BTQ) Is Up 9.8% After Securing Nasdaq Uplisting Approval and What's Next

BTQ Technologies (NEOE:BTQ) surged 9.8% following approval to uplist its common shares to the Nasdaq Global Market, effective September 26, 2025. The move will end trading on OTCQX but maintain listings on CBOE Canada and Börse Frankfurt. This uplisting is expected to enhance BTQ's capital access and liquidity, supporting its quantum computing and post-quantum security platform commercialization. The Nasdaq listing could attract broader institutional investor interest and improve market visibility, potentially impacting BTQ's trading volumes and price discovery. The transition aligns with BTQ's growth and funding expansion strategy.

Read more: https://finance.yahoo.com/news/why-btq-technologies-neoe-btq-133100338.html?.tsrc=rss Yahoo! Finance: ^GSPC ^IXIC ^DJI News

# The S&P; 500 Is About to Achieve a Feat Accomplished 31 Times Since 1950 That Has a Greater Than 93% Accuracy of Predicting Future Stock Moves

The S&P; 500 is on the verge of a rare technical event that has occurred only 31 times since 1950, historically predicting significant future gains with over 93% accuracy. This pattern signals potential strong upside momentum for the index, suggesting favorable market conditions ahead. The event's historical data points highlight its reliability in forecasting substantial returns, making it a key indicator for quant strategies focused on momentum and trend-following. Market participants may adjust positioning to capitalize on the anticipated bullish move, impacting flows into equities and related derivatives. This development underscores the importance of technical signals in guiding market expectations and portfolio allocations.

Read more:

https://www.fool.com/investing/2025/09/27/sp-500-31-times-since-1950-predict-stock-moves/?.tsrc=rss Yahoo! Finance: ^GSPC ^IXIC ^DJI News

#### An Abu Dhabi EM debt record

Abu Dhabi's emerging market debt has reached a record tight spread, signaling strong investor demand despite broader EM volatility. The spread compression reflects confidence in Abu Dhabi's creditworthiness amid global uncertainties. This tightening contrasts with wider spreads in other EM regions, highlighting Abu Dhabi's relative stability and attractiveness. The move may influence portfolio flows, with investors reallocating towards higher-quality EM debt. Market positioning appears skewed towards Abu Dhabi, potentially limiting further spread tightening without new catalysts. Quant strategies should monitor spread dynamics and relative value shifts within EM debt.

Read more: <a href="https://www.ft.com/content/32c88d78-6470-488a-bb1d-20ca99c3c122">https://www.ft.com/content/32c88d78-6470-488a-bb1d-20ca99c3c122</a> FT Alphaville

#### China's industrial policy is destroying its economy

China's extensive industrial subsidies are significantly distorting its economy, leading to inefficiencies and misallocation of resources. The policy, aimed at boosting strategic sectors, has resulted in

overcapacity and reduced competitiveness, impacting market dynamics and investment flows. These distortions complicate pricing signals and risk assessments for investors, potentially increasing volatility in related equities and commodities. The long-term sustainability of China's growth model is questioned as subsidies hinder market-driven innovation and productivity gains. Quant strategies should consider the elevated policy risk and potential for sudden regulatory shifts affecting sector valuations.

Read more: <a href="https://www.ft.com/content/0b32d65b-6963-4e07-bb75-648ff8652a55">https://www.ft.com/content/0b32d65b-6963-4e07-bb75-648ff8652a55</a>
FT Alphaville

#### Lifting the hood on First Brands' super high-yield SPE debt

First Brands has increasingly utilized special purpose entities (SPEs) to issue super high-yield debt off its balance sheet, raising concerns about transparency and risk assessment. The structure allows the company to access financing while keeping liabilities off its main financial statements, complicating credit analysis and potentially masking leverage. Market participants should note the growing volume and yield spreads of these SPE-issued bonds, which may reflect higher risk premiums. This trend highlights the importance of scrutinizing off-balance-sheet vehicles in credit models and risk management frameworks. The evolving debt profile could impact First Brands' credit spreads and investor positioning.

Read more: https://www.ft.com/content/fa10cd1f-6b4a-4e21-b258-6340c767a3fb FT Alphaville

#### ■ Articles

### TikTok finally cut a deal, but there's still plenty of uncertainty about what comes next

TikTok has reached a deal to continue operations in the US, easing some regulatory pressures that had previously threatened its presence. However, significant uncertainties remain regarding the specifics of the agreement, including data security measures, algorithm transparency, and potential equity stakes involving US entities. Market participants are closely watching how these factors might influence TikTok's valuation and user growth trajectory. The deal could impact advertising flows and digital media sector positioning, especially given ongoing geopolitical tensions and regulatory scrutiny of Chinese tech firms. Investors remain cautious as the long-term implications for TikTok's US business model and competitive landscape are still unclear.

Read more: <a href="https://www.businessinsider.com/tiktok-deal-us-algorithm-trump-equity-shop-trump-2025-9">https://www.businessinsider.com/tiktok-deal-us-algorithm-trump-equity-shop-trump-2025-9</a><br/>
Business Insider

#### **Quant Launches Agentic AI to Fix Broken Customer Service Loops**

Quant has introduced Agentic AI, a system designed to address inefficiencies in customer service by resolving 77% of issues in real time. This technology aims to replace traditional chatbot dead ends with effective problem resolution, potentially reducing customer service costs and improving user experience. The real-time resolution metric indicates a significant enhancement in operational efficiency, which could influence customer service automation trends and related market valuations. Quant's innovation may impact data flow management and AI-driven service positioning in the tech sector. This development highlights growing investment in AI solutions targeting customer interaction optimization.

Read more: <a href="https://www.cmswire.com/contact-center/quant-launches-agentic-ai-to-fix-broken-customer-service-loops/">https://www.cmswire.com/contact-center/quant-launches-agentic-ai-to-fix-broken-customer-service-loops/</a>

## How a 'nudify' site turned a group of friends into key figures in a fight against Al-generated porn

The article discusses a group of Minnesota friends who discovered their social media photos were used to create AI-generated pornographic deepfakes via a "nudify" website. This incident highlights growing concerns about AI misuse in generating non-consensual explicit content, raising potential regulatory and legal challenges. While not directly tied to financial markets, the case underscores risks in AI technology deployment that could impact tech sector valuations and investor sentiment. Increased scrutiny and potential policy responses may influence AI-related stocks and data privacy regulations. No immediate market data or price action is reported.

Read more: <a href="https://www.cnbc.com/2025/09/27/nudify-ai-generated-deepfake-fbi.html">https://www.cnbc.com/2025/09/27/nudify-ai-generated-deepfake-fbi.html</a> US Top News and Analysis

### 'Seconds count': Avoiding airplane collisions at airports could come down to cockpit alerts

Honeywell is advancing cockpit alert systems designed to prevent airplane collisions at or near airports, addressing a critical safety concern in aviation. These new alerts aim to enhance situational awareness for pilots during taxiing, takeoff, and landing phases, where most ground collisions occur. Improved alert technology could reduce accident-related delays and operational disruptions, potentially impacting airline scheduling and airport traffic flow. While not directly tied to market data, advancements in aviation safety technology may influence aerospace sector valuations and investor sentiment. Honeywell's innovation underscores the growing role of real-time data and alert systems in mitigating operational risks.

Read more: <a href="https://www.cnbc.com/2025/09/27/airplane-collisions-airports-honeywell.html">https://www.cnbc.com/2025/09/27/airplane-collisions-airports-honeywell.html</a> US Top News and Analysis

### 10 tons, built in seven days, and maybe a way to restore American Dream of affordable home ownership

A U.S. homebuilder is leveraging modular housing to address the affordability crisis in American home ownership, particularly across the Western states. These modular homes, weighing around 10 tons and constructed within seven days, offer a faster, potentially lower-cost alternative to traditional building methods. This innovation could influence housing supply dynamics, potentially easing upward pressure on real estate prices in high-demand markets. Increased modular housing adoption may impact construction sector equities and related supply chains, while also affecting mortgage market flows if affordability improves. The development aligns with broader trends seeking to stabilize housing markets amid inflation and rising interest rates.

Read more:

https://www.cnbc.com/2025/09/27/real-estate-prices-home-ownership-housing-affordability.html US Top News and Analysis

#### What Are 2 Great Tech Stocks to Buy Right Now?

The article highlights two tech stocks positioned for strong long-term growth, appealing to investors with a buy-and-hold strategy. It emphasizes their robust fundamentals, market leadership, and potential to capitalize on emerging technology trends. While specific price data or recent performance metrics are not detailed, the focus is on strategic positioning within the tech sector amid ongoing innovation. The recommendation aligns with a broader market trend favoring technology stocks due to their growth prospects and resilience. No immediate policy or flow data is mentioned, but the stocks are suggested as solid portfolio additions for long-term gains.

https://www.fool.com/investing/2025/09/27/what-are-2-great-tech-stocks-to-buy-right-now/?.tsrc=rss Yahoo! Finance: ^GSPC ^IXIC ^DJI News

#### FTAV's Friday charts quiz

The FT Alphaville's Friday charts quiz highlights key market data and trends, focusing on price action and positioning across various asset classes. It emphasizes recent shifts in equity and bond markets, noting increased volatility and changing investor sentiment. The quiz also touches on central bank policy impacts, particularly how rate expectations are influencing fixed income flows. Quantitative signals from the charts suggest evolving momentum and potential inflection points for traders. These insights are valuable for quants and market participants monitoring technical and fundamental interplay. Read more: <a href="https://www.ft.com/content/6a5d34dd-4834-4fb4-9292-eed8f48f7ed6">https://www.ft.com/content/6a5d34dd-4834-4fb4-9292-eed8f48f7ed6</a>

#### B.R.E.A.M.

Read more:

The article "B.R.E.A.M." from FT Alphaville explores the impact of urban design and street layouts on real estate and investment strategies. It highlights how the geometry and connectivity of streets influence property values and market dynamics, providing a novel data angle for quant models focused on real estate and urban economics. The piece suggests that incorporating spatial data on street patterns can enhance predictive analytics for asset pricing and risk assessment. This approach may affect flows into real estate funds and urban infrastructure projects, as investors seek to leverage granular geographic insights. The analysis underscores the growing importance of alternative data in market positioning and strategy formulation.

Read more: <a href="https://www.ft.com/content/a406f785-43c4-4026-9f83-c9ad9ca1f525">https://www.ft.com/content/a406f785-43c4-4026-9f83-c9ad9ca1f525</a> FT Alphaville

#### ■ AI & Finance

#### Weekend reading: Livin' la vida loca

The article "Weekend reading: Livin' la vida loca" on Monevator.com compiles a selection of the week's top money and investing reads, focusing on value investing themes. It discusses the concept of "hyper value," suggesting a renewed interest or reevaluation of value stocks amid current market conditions. The piece likely touches on market trends, valuation metrics, and investor sentiment shifts, providing insights relevant for portfolio positioning and strategy. While it does not present specific data points or price action, it offers curated content that could influence market participants' perspectives on value investing in the current environment.

Read more: <a href="https://monevator.com/weekend-reading-livin-la-vida-loca/">https://monevator.com/weekend-reading-livin-la-vida-loca/</a>
Monevator.com

### 'South Park': A guide to every Trump-era parody in Season 27 (so far)

The article from Boston Herald reviews the parody episodes in Season 27 of "South Park," highlighting its unusual release cadence. While primarily entertainment-focused, the content indirectly reflects ongoing cultural and political sentiment, particularly around the Trump era. There are no direct market data points, price actions, policy changes, or financial flows mentioned. The piece does not provide quantifiable information relevant to market positioning or trading strategies. Thus, it holds minimal relevance for market or quantitative analysis.

Read more: <a href="https://www.bostonherald.com/2025/09/26/south-park-guide/">https://www.bostonherald.com/2025/09/26/south-park-guide/</a> Boston Herald

# American Rebel (NASDAQ: AREB) Announces Fully Resolved Bank of America ("BofA") Default, Eliminates Risk, and Secures Long-Term Financing Flexibility with Streeterville Capital LLC

American Rebel (NASDAQ: AREB) announced the full resolution of its default with Bank of America, eliminating associated legal risks. The company completed full payment to BofA, which has strengthened its balance sheet and improved financial stability. Additionally, American Rebel secured long-term financing flexibility through a new agreement with Streeterville Capital LLC. These actions are expected to enhance the company's credit profile and reduce refinancing risk. The resolution may positively influence investor sentiment and positioning given the removal of a significant overhang on the stock.

Read more: <a href="https://www.globenewswire.com/news-release/2025/09/26/3157191/0/en/American-Rebel-NASDAQ-AREB-Announces-Fully-Resolved-Bank-of-America-BofA-Default-Eliminates-Risk-and-Secures-Long-Term-Financing-Flexibility-with-Streeterville-Capital-LLC.html">https://www.globenewswire.com/news-release/2025/09/26/3157191/0/en/American-Rebel-NASDAQ-AREB-Announces-Fully-Resolved-Bank-of-America-BofA-Default-Eliminates-Risk-and-Secures-Long-Term-Financing-Flexibility-with-Streeterville-Capital-LLC.html</a>
GlobeNewswire

### ■ Quant Keywords & Mini-Glossary

**American options** — [Options allowing exercise any time before expiration, requiring complex early-exercise modeling.]

**Primal-dual algorithms** — [Optimization methods solving problems via simultaneous primal and dual formulations for better convergence.]

**Option pricing** — [Quantitative methods to determine the fair value of options based on underlying variables.]

**Model calibration** — [Adjusting model parameters to fit observed market data for accurate pricing and risk assessment.]

**Risk management** — [Processes to identify, measure, and mitigate financial risks in portfolios or trading strategies.]

**Machine learning** — [Al techniques that learn patterns from data to improve predictions and decision-making in finance.]

**Adaptive trading strategies** — [Trading approaches that dynamically adjust to changing market conditions using data-driven insights.]

**Portfolio management** — [The art and science of selecting and overseeing a collection of investments to meet objectives.]

Asset allocation — [Distributing investments across asset classes to balance risk and return.]

**Yield optimization** — [Techniques to maximize income generation from investment portfolios or strategies.]

**Tokenized assets** — [Digital representations of real-world assets on a blockchain enabling programmable ownership and transfer.]

**Programmable payments** — [Payments embedded with automated rules and conditions enabled by blockchain technology.]

**Settlement efficiency** — [Speed and accuracy with which trades and payments are finalized in financial markets.]

**Liquidity management** — [Ensuring sufficient cash or assets are available to meet obligations without undue cost.]

**Blockchain technology** — [Distributed ledger systems enabling secure, transparent, and immutable transaction records.]

Volatility — [A statistical measure of the dispersion of returns for a given security or market index.]

**ETF flows** — [The net inflows or outflows of capital into exchange-traded funds, indicating investor sentiment.]

Wealth effect — [The impact of asset price changes on consumer spending and economic activity.]

**Interest rate futures** — [Derivatives contracts that speculate or hedge on future interest rate movements.]

**Treasury yields** — [The return on investment for U.S. government debt securities, reflecting interest rate expectations.]

**Dividend growth** — [The annualized percentage increase in dividend payments by a company over time.]

**Technical buy points** — [Price levels identified by technical analysis signaling potential entry opportunities.]

**Momentum trading** — [A strategy that buys securities showing upward price trends expecting continuation.]

**Real-time resolution metric** — [A performance measure indicating the percentage of issues resolved instantly or without delay.]

**Counterparty risk** — [The risk that the other party in a financial transaction may default on obligations.]