

Apple Inc. (AAPL)

1-Year Price Analysis

Generated: 2026-02-08

Section 1 — Selection & Data Collection

Selection: Apple Inc. (AAPL) — large-cap U.S. equity chosen for its liquidity and representative exposure to consumer technology.

Rationale: chosen for liquidity, availability of a full year of daily data, and relevance to sector-level analysis (devices, services, and semiconductors).

Source: Yahoo Finance — historical price table was saved to `yahoo_history_raw.txt` and parsed locally into Open/High/Low/Close/Adj Close/Volume.

Rows parsed: 249. Date range: 2025-02-07 to 2026-02-06.

Notes: Dividend/split marker rows (if present in the raw table) were ignored for numerical close-series calculations; volumes are raw shares traded.

Section 2 — Major Events & Drivers

Corporate: Quarterly earnings releases (beat/miss vs. expectations) and forward guidance often drive intra-day and multi-day moves. Share buybacks, dividend changes, and major product announcements (new iPhone, Mac, or AI features) are also primary corporate catalysts.

Industry: Component shortages or improvements (chips, display panels), competitor product launches, and distribution disruptions in key markets (e.g., Greater China) materially affect demand/supply expectations.

Economic: U.S. interest rate moves, inflation trends, and consumer spending dictate discount rates and demand forecasts; FX and trade policy affect revenue translation and supply chains.

Sentiment & Events: Regulatory actions, high-profile litigation, or macro shocks (e.g., recession risk, banking stress) can trigger volatility spikes and regime shifts.

How they impact price: Positive surprises to growth or margins tend to push price higher; negative earnings or guidance, macro tightening, or supply constraints typically pressure the stock. Volume spikes often accompany these events.

Section 3 — Data Analysis

Last close: 278.12

Mean: 234.77 Median: 232.78 Std: 27.84

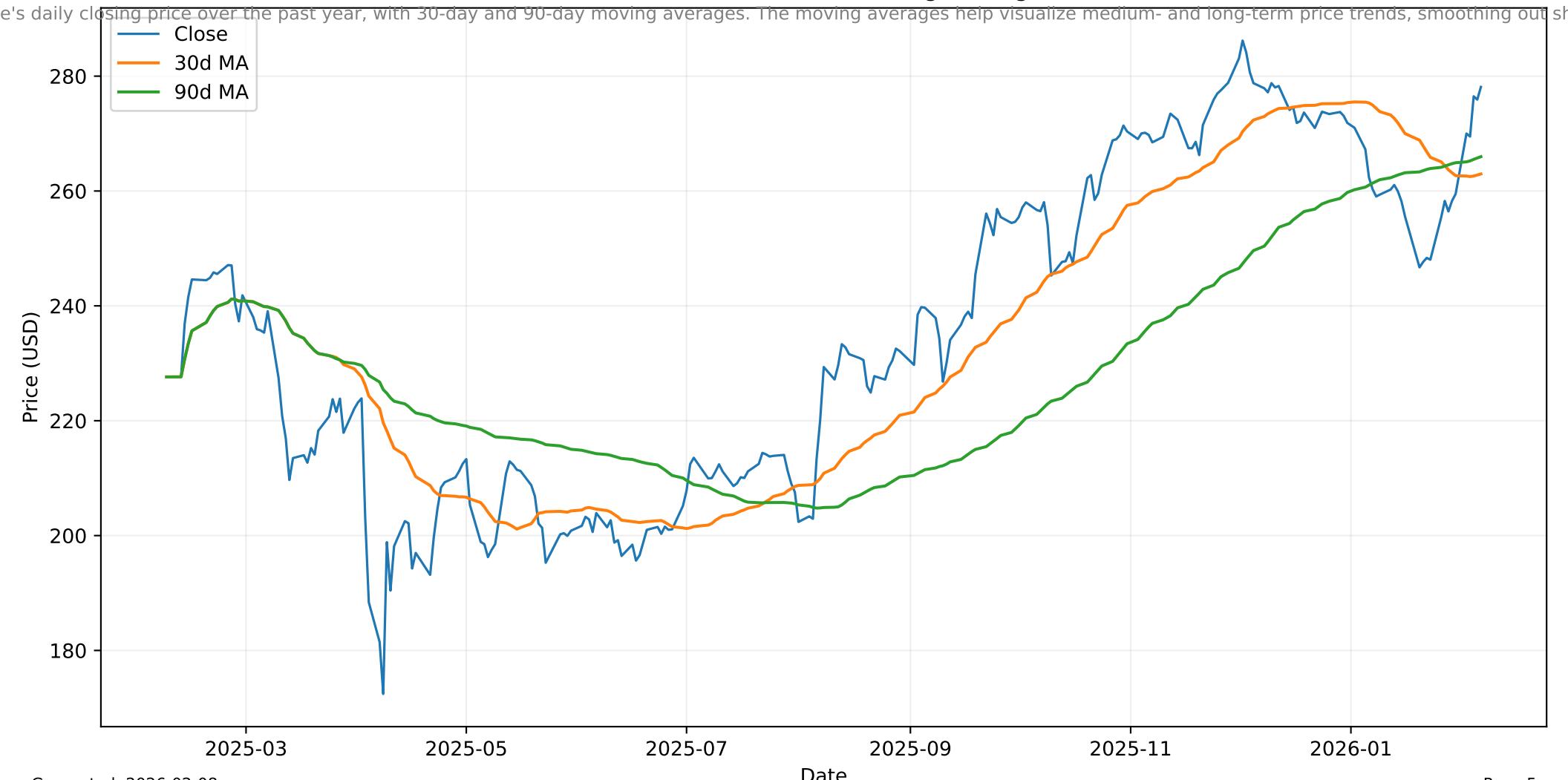
30d MA (latest): 262.96 90d MA (latest): 265.98

Trend slope: 0.2904 USD/day 30-day trend ext: 286.83

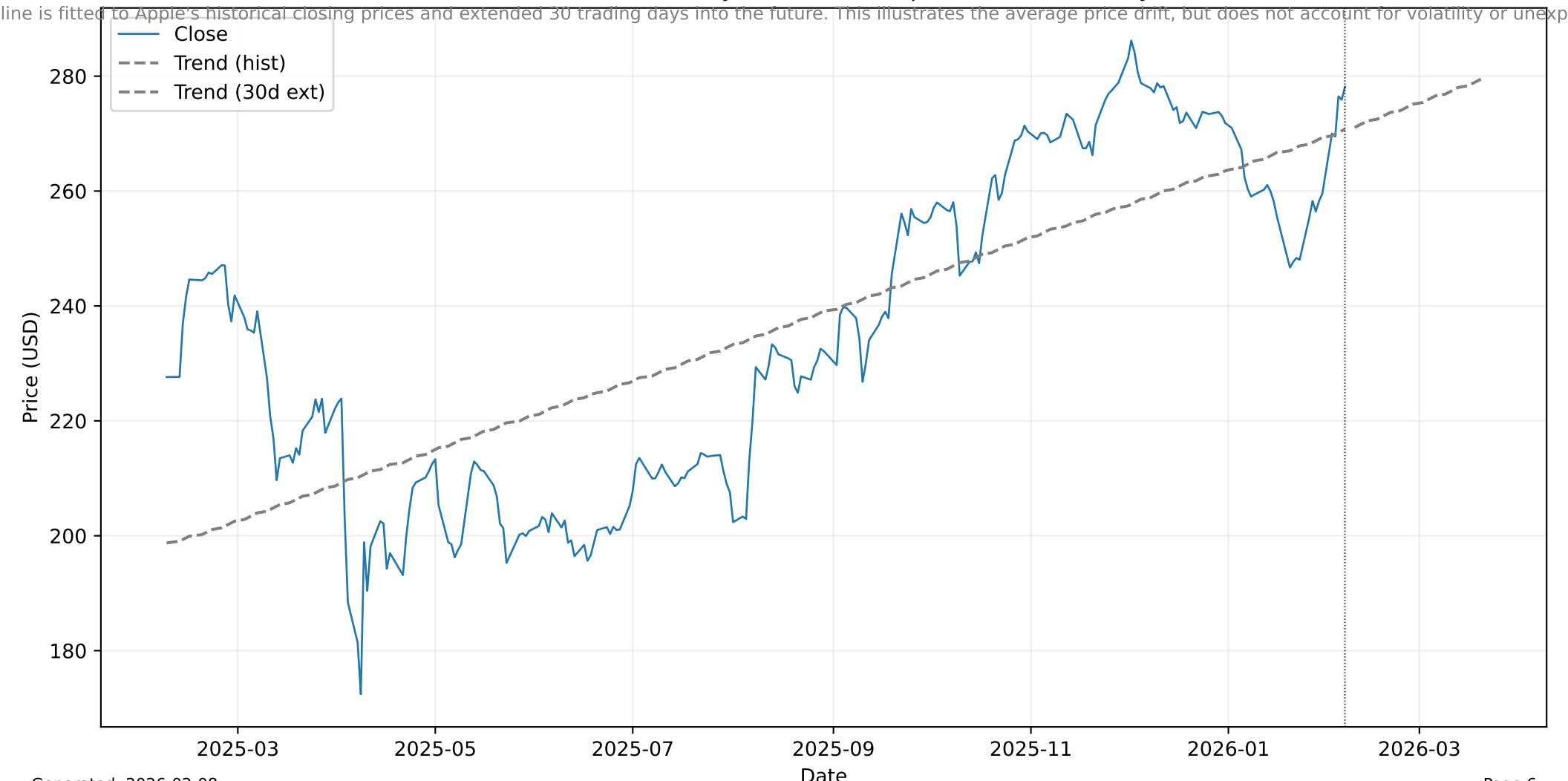
30-day projected 1σ range: 249.26 — 310.32

Event drivers (summary): dividends and earnings, product cycles, macro (rates/inflation) industry supply/competitive events. Limitations: uses historical realized volatility, linear and does not capture intraday or options-implied signals or future structural breaks.

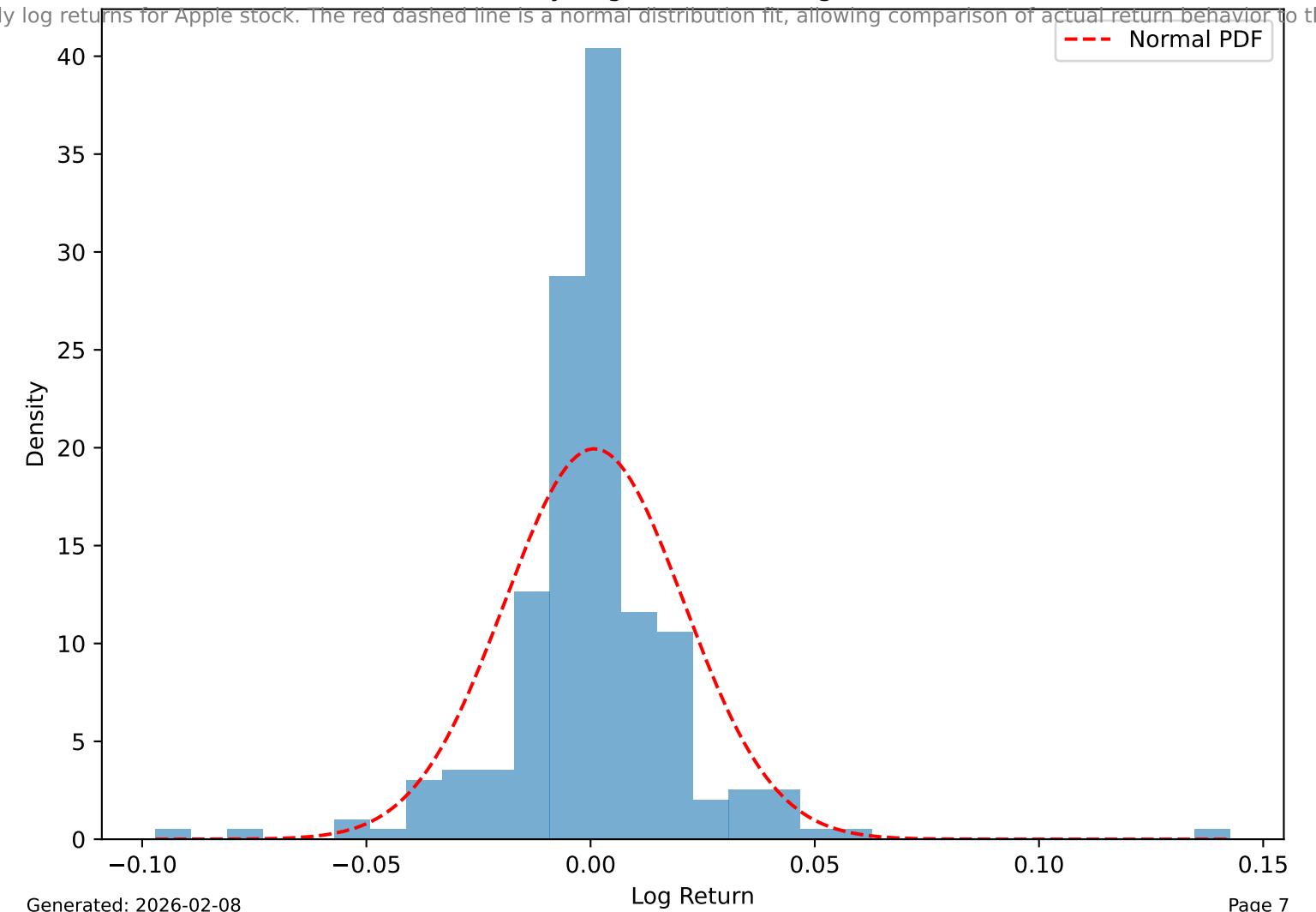
Close with 30d & 90d Moving Averages



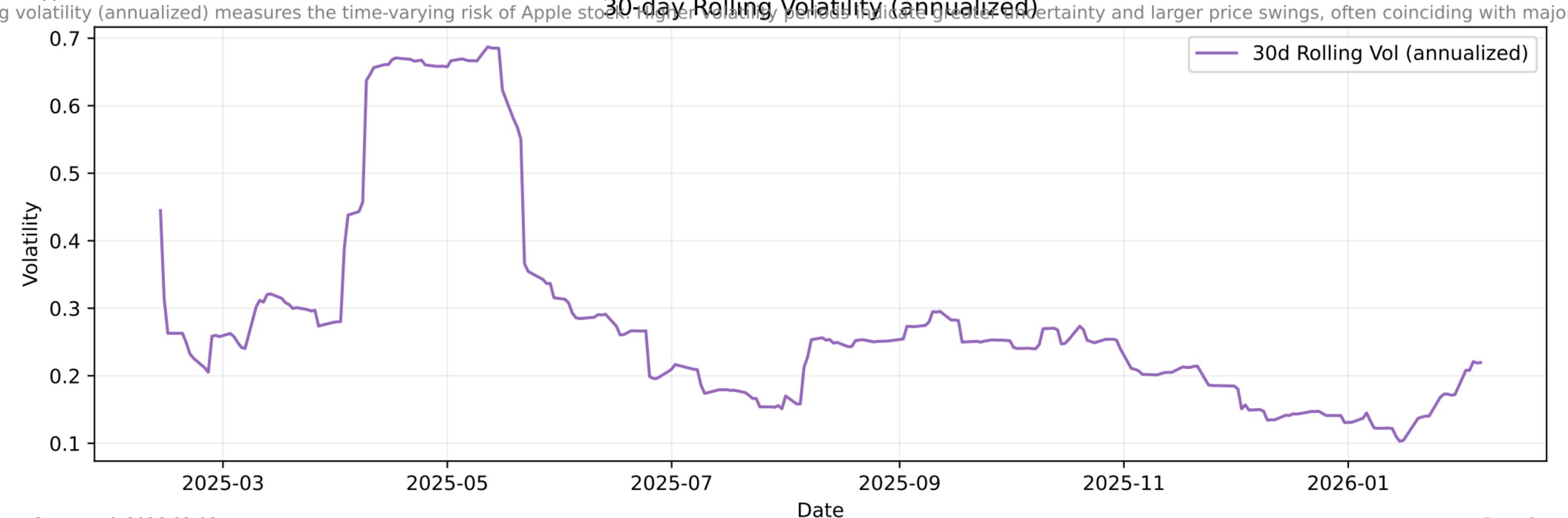
Trendline and 30-day Extension (slope=0.2904 USD/day)



Daily Log Returns Histogram



30-day Rolling Volatility (annualized)



This chart displays Apple's daily trading volume. Spikes in volume often signal major price moves, news releases, or shifts in investor sentiment, and help assess liquidity.

