

Agentic Finance — Interactive Tester

Ticker

AAPL

Days Back

30

7

120

Required Tags (optional, comma-sep)

earnings, product

Run

Plan

- fetch\_prices
- fetch\_news
- fetch\_earnings
- fetch\_risk
- preprocess
- classify\_extract
- retrieve\_topk
- route
- run\_agents
- synthesize
- critique
- save\_memory

Agent Outputs

[News Analysis Agent] score=0.85 conf=0.90  
Strong positive sentiment driven by robust iPhone 17 sales and analyst upgrades, contributing to Apple's all-time high stock price.

[Market Signals Agent] score=0.70 conf=0.80  
Bullish technical setup with price above key moving averages and strong RSI

[Risk Assessment Agent] score=0.50 conf=0.60  
The risk assessment for AAPL shows a moderate risk profile. The volatility over the last 30 days is relatively low, indicating stable price movements. However, the Sharpe Ratio is quite low at 0.087, suggesting that the returns are not well-compensated for the risk taken. The max drawdown of -4.956% indicates a moderate level of risk, as it reflects the potential for significant losses. The Value at Risk (VaR) at -0.016525 is also a point of concern, although it is not extremely high. The absence of beta and sector correlation data limits the ability to fully assess market sensitivity and diversification benefits.

[Initial Synthesis] score=0.60 conf=0.75  
Apple's strong product sales and positive market sentiment, combined with bullish technical indicators, support a buy recommendation. However, the moderate risk profile and lack of comprehensive risk metrics slightly temper the confidence in this recommendation.

Critique

[Critique]  
score=0.68 adj\_conf=0.65  
Quality Score: 0.68  
Issues Found: Lack of comprehensive risk metrics, Limited analysis of competitive landscape, Insufficient macroeconomic context  
Suggestions: Include a detailed risk analysis, Assess competition in the smartphone market, Incorporate macroeconomic factors affecting consumer spending

Final Recommendation

FINAL (v2 after Critique)  
[Optimizer ran: YES]  
score=0.60 conf=0.75  
Apple's strong sales performance, coupled with positive market sentiment and bullish technical indicators, supports a buy recommendation. However, the moderate risk profile and lack of comprehensive risk metrics slightly temper the confidence level.

Key: Robust iPhone 17 sales and analyst upgrades, Positive technical indicators with price above key moving averages, Moderate risk profile with low volatility but low Sharpe Ratio

Top News (evidence)

| published_at              | source           | title  | summary   | url   | overall_sentiment | tags    | numbers              |
|---------------------------|------------------|--|---|---|-------------------|---------|----------------------|
| 2025-10-21 07:03:04+00:00 | Benzinga         | Dan Ives Predicts Apple's Next Catalyst After iPhone 17 Surge As Cupertino Advances Toward The \$4 Trillion Club - Apple (NASDAQ:AAPL) | AS Apple Inc. (NASDAQ:AAPL) comes closer to joining the \$4 trillion market cap club, Wedbush analyst Dan Ives predicts the next big catalyst for the iPhone-maker. On Monday, Ives wrote on X, formerly Twitter, "Our Asia checks show strong iPhone demand globally with further improvement in ... | https://www.benzinga.com/markets/tech/25/10/48320558/dan-ives-predicts-apples-next-catalyst-after-iphone-17-surge-as-cupertino-advances-toward-the-4-tril | Somewhat-Bullish  | product | 17,\$4,\$4           |
| 2025-10-21 03:23:46+00:00 | Benzinga         | Gene Munster Says iPhone 17 Cycle Could Drive 8%+ Growth Through 2026 As Apple Stock Soars To All-Time High - Apple (NASDAQ:AAPL)      | On Monday, Apple Inc. (NASDAQ:AAPL) shares surged to a new all-time high after fresh data showed iPhone 17 outsold iPhone 16 by 14%, prompting Deepwater Asset Management's Gene Munster to predict stronger growth through 2026.   | https://www.benzinga.com/markets/tech/25/10/48319520/gene-munster-says-iphone-17-cycle-could-drive-8-growth-through-2026-as-apple-stock-soars-to-all-time | Somewhat-Bullish  | product | 17,8%,2026,17,16,14% |
| 2025-10-20 21:58:00+00:00 | Zacks Commentary | Strong Day for Market Indexes - AAPL at New All-Time High  | Apple (AAPL) stock rose +3.94% today to \$262 per share -- its highest close ever, and the first such all-time closing high since late 2024.  | https://www.zacks.com/stock/news/2772569/strong-day-for-market-indexes---aapl-at-new-all-time-high  | Somewhat-Bullish  | general | 3.94%,\$262,2024     |
| 2025-10-20 21:49:59+00:00 | Motley Fool      | Why Apple Stock Rocked the Market Today  | Analysts became notably more positive about the company's prospects as the trading week began.  | https://www.fool.com/investing/2025/10/20/why-apple-stock-rocked-the-market-today/  | Somewhat-Bullish  | general |                      |
| 2025-10-20 20:04:28+00:00 | CNBC             | Apple closes at record after strong iPhone 17 sales report for U.S., China   | The iPhone 17 series has outsold the iPhone 16 series by 14% in the U.S. and China within its first 10 days of availability.  | https://www.cnn.com/2025/10/20/apple-stock-iphone-17-us-china-sales.html  | Somewhat-Bullish  | product | 17,17,16,14%,10      |

Recent Prices (evidence)

| date       | open    | high    | low    | close  | volume   | adj_close |
|------------|---------|---------|--------|--------|----------|-----------|
| 2025-10-14 | 246.6   | 248.845 | 244.7  | 247.77 | 35477986 | 247.77    |
| 2025-10-15 | 249.485 | 251.82  | 247.47 | 249.34 | 33893611 | 249.34    |
| 2025-10-16 | 248.25  | 249.04  | 245.13 | 247.45 | 39776974 | 247.45    |
| 2025-10-17 | 248.02  | 253.38  | 247.27 | 252.29 | 49146961 | 252.29    |
| 2025-10-20 | 255.885 | 264.375 | 255.63 | 262.24 | 90483029 | 262.24    |

Earnings (evidence)

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
|---|---|---|

Risk Metrics (evidence)

| beta | volatility         | var_5     | sharpe_ratio | max_drawdown | sector_correlation | pe_ratio | avg_daily_return | volatility_full |
|------|--------------------|-----------|--------------|--------------|--------------------|----------|------------------|-----------------|
| null | 1.4774000708901642 | -0.016525 | 0.087        | -4.956       | null               | null     | 0.001293         | 0.014774        |