⚙️ Dashboard Controls

Select Portfolio ❓

[PORT_A_TechGrowth ⌄]

Historical Window (days) ❓

60
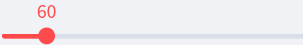
[🔄 Refresh Data]

⌄ 📋 Alert Thresholds

VaR Critical: -2.00%

VaR Warning: -1.50%

Beta High: 1.50

Beta Warning: 1.30

Volatility High: 30.00%

Sharpe Negative Days: 10

Data Sources:

🔴 Redis - Real-time cache (60s TTL)

🗄️ MongoDB - Historical persistent storage

📊 Portfolio Risk Analytics Dashboard

Real-time risk monitoring with MongoDB and Redis

⚠️ **1 Warning(s)**

VaR Elevated: VaR at -1.78% exceeds warning threshold (-1.50%)

📈 Current Metrics

🗄️ **Data Source:** [MongoDB (Historical)]

VaR (95%) ❓	Expected Shortfall ❓	Sharpe Ratio (20d) ❓	Beta vs SPY (20d) ❓
-1.78%	**-2.45%**	**-0.147**	**1.269**

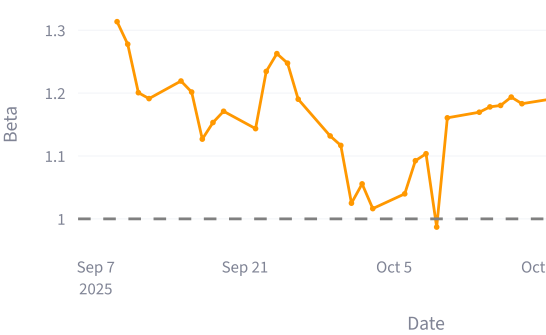Last updated: 2025-11-06 00:00:00 UTC

📉 Historical Trends

Value at Risk (95% Confidence)
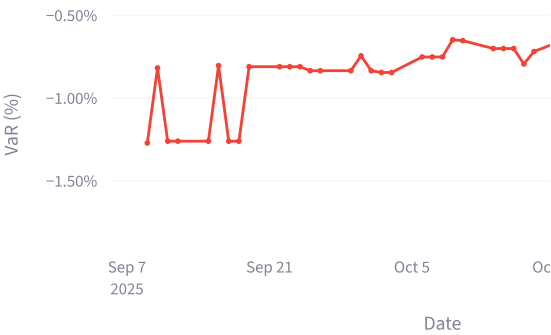
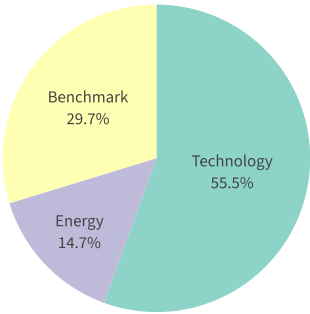**Beta vs SPY (20-day Rolling)**

Sharpe Ratio (20-day Rolling)

Portfolio Volatility (Annualized)

Date

Date

🥧 Sector Exposure

Current Sector Allocation

Portfolio Summary:

Total Assets: 13

Gross Exposure: 1.00

As of: 2025-11-06

- Technology
- Benchmark
- Energy

Performance Metrics:

Redis Query: 806.44ms

MongoDB Query: 97.22ms

Historical Query: 856.57ms