Portfolio Optimization Report

Date Generated:	2025-06-29 14:15
Tickers:	AAPL, MSFT, GOOG, TSLA
Investment Amount:	$10,000.00
Analysis Period:	5y
Risk-Free Rate:	2.00%
Max Weight Constraint:	50%
Min Stocks Constraint:	None

Performance Summary

Metric	Value	Description
Expected Return	22.51%	Annualized portfolio return
Volatility	25.24%	Annualized portfolio risk
Sharpe Ratio	0.81	Risk-adjusted return (Higher is better)
Max Drawdown	N/A	Largest peak-to-trough decline

Portfolio Allocation

Ticker	Weight	Amount	Expected Return
AAPL	50.00%	$5,000.00	21.05%
MSFT	29.67%	$2,967.24	22.87%
GOOG	20.33%	$2,032.76	23.77%
TSLA	0.00%	$0.00	51.74%

Efficient Frontier

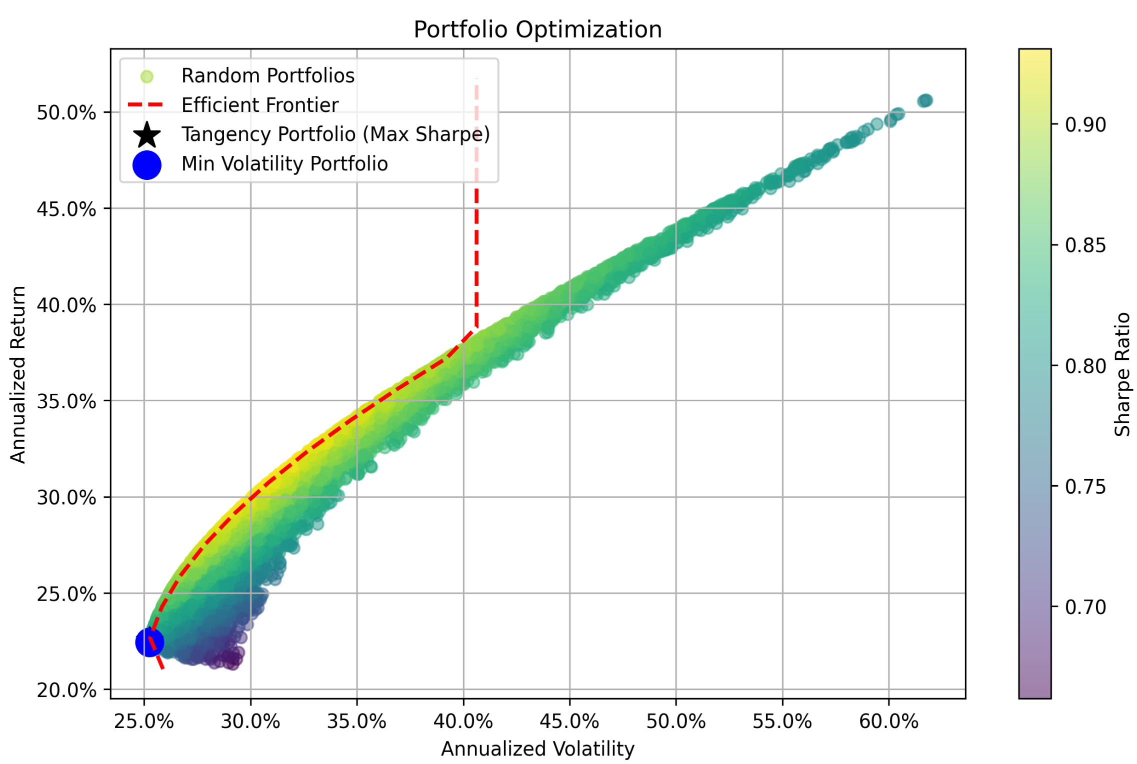

Figure 1: Portfolio optimization results showing efficient frontier and optimal portfolios

Asset Allocation

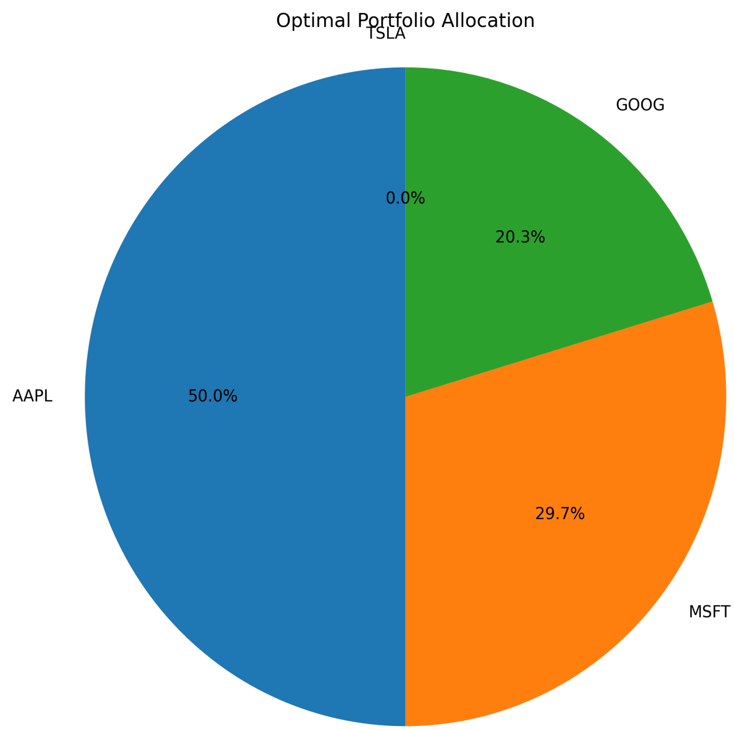

Figure 2: Weight distribution across assets in optimal portfolio

Generated by Portfolio Optimizer