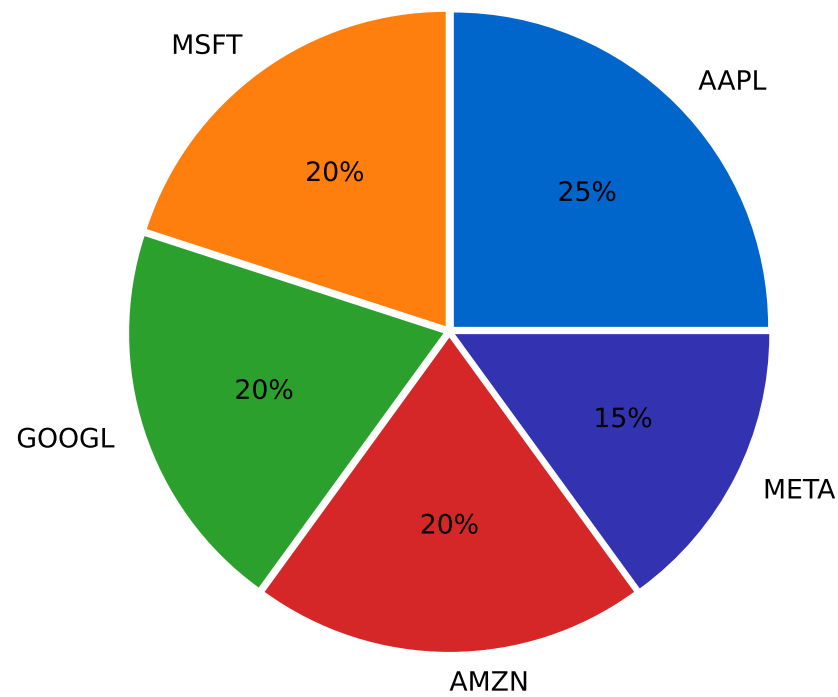


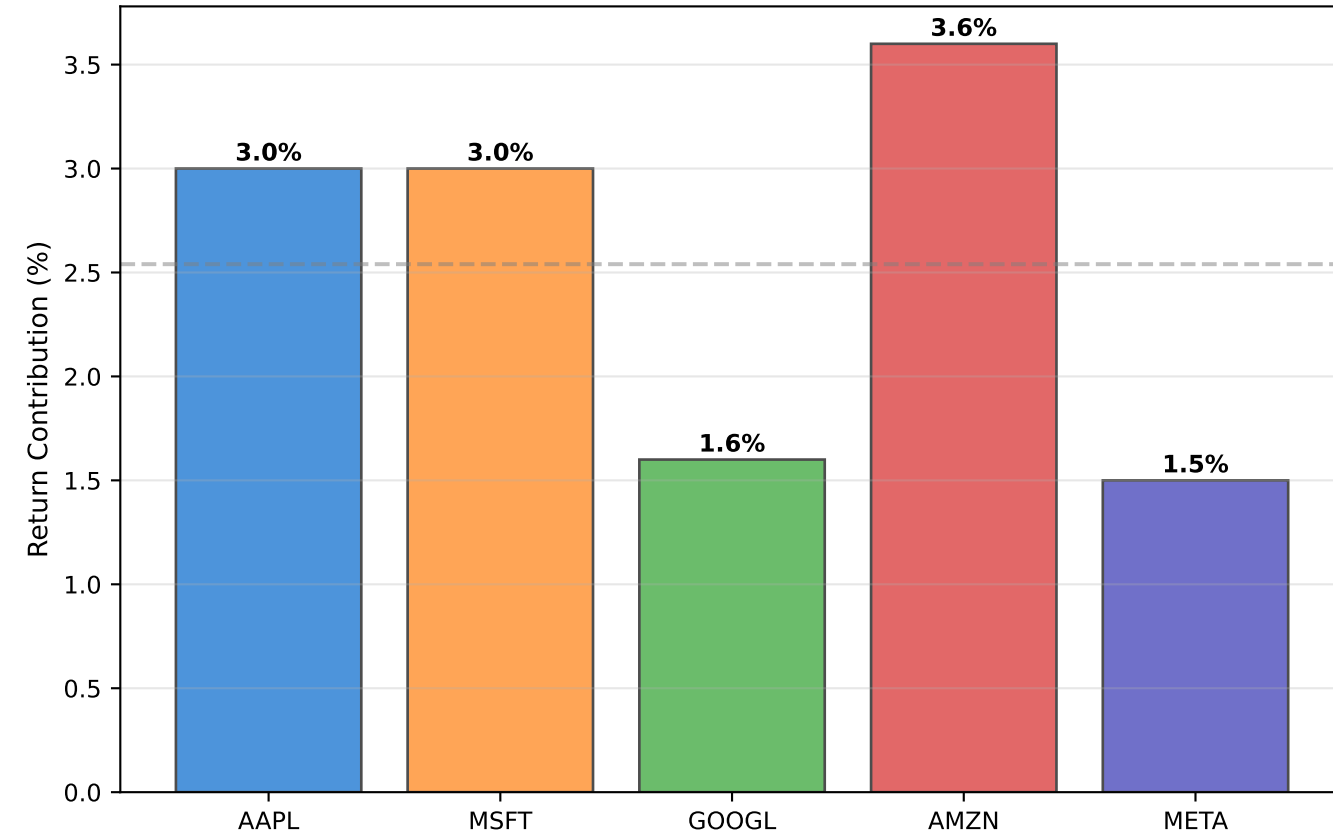
NumPy for Portfolio Analysis

Portfolio Weights
`weights = np.array([0.25, 0.20, ...])`

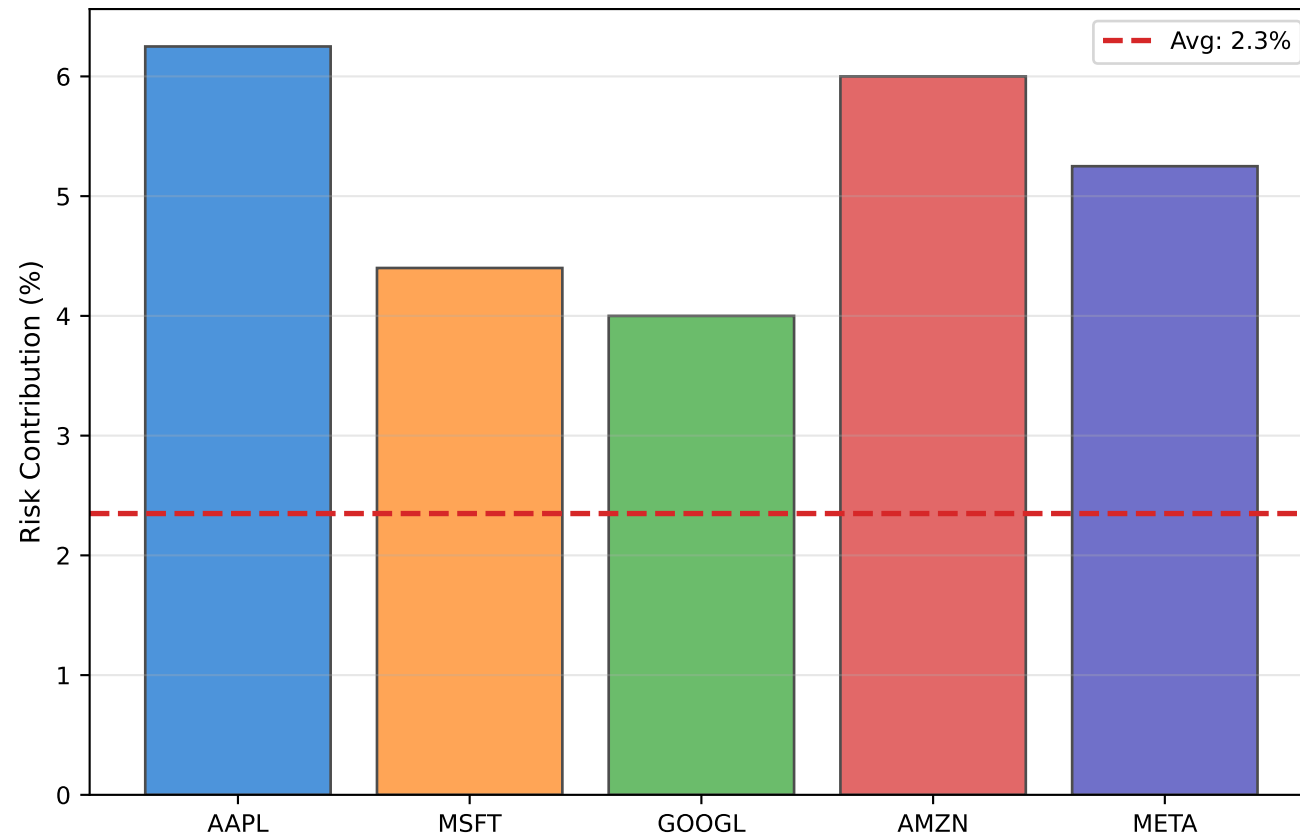


`np.sum(weights) = 1.00`

Weighted Return: `np.sum(weights * returns) = 12.7%`



Risk Contribution: `weights * volatilities`



Rebalancing: Weights Drift Over Time

