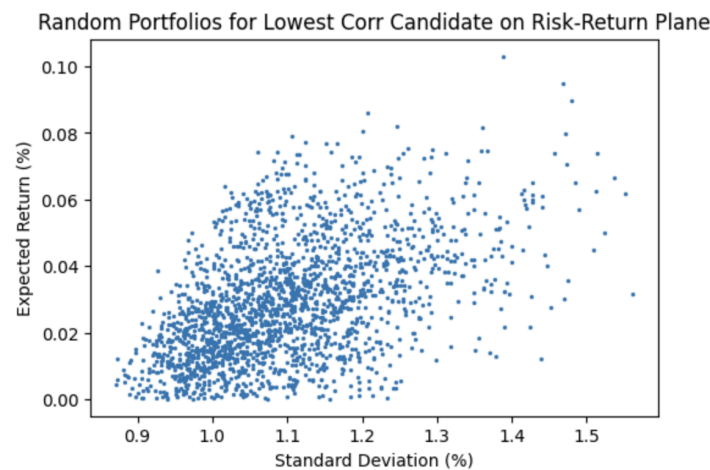
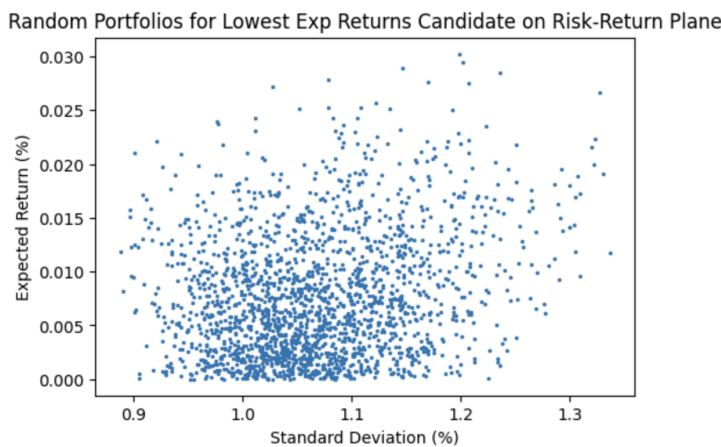
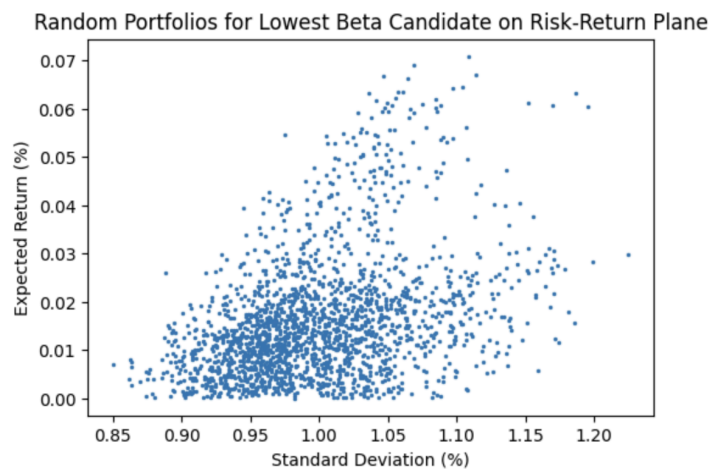
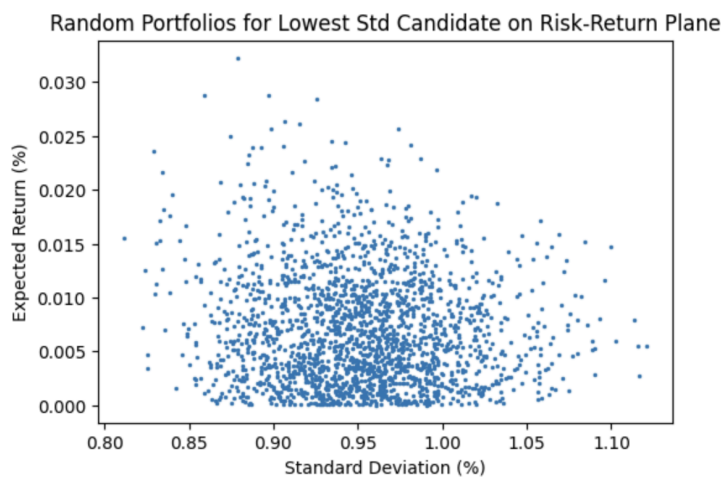
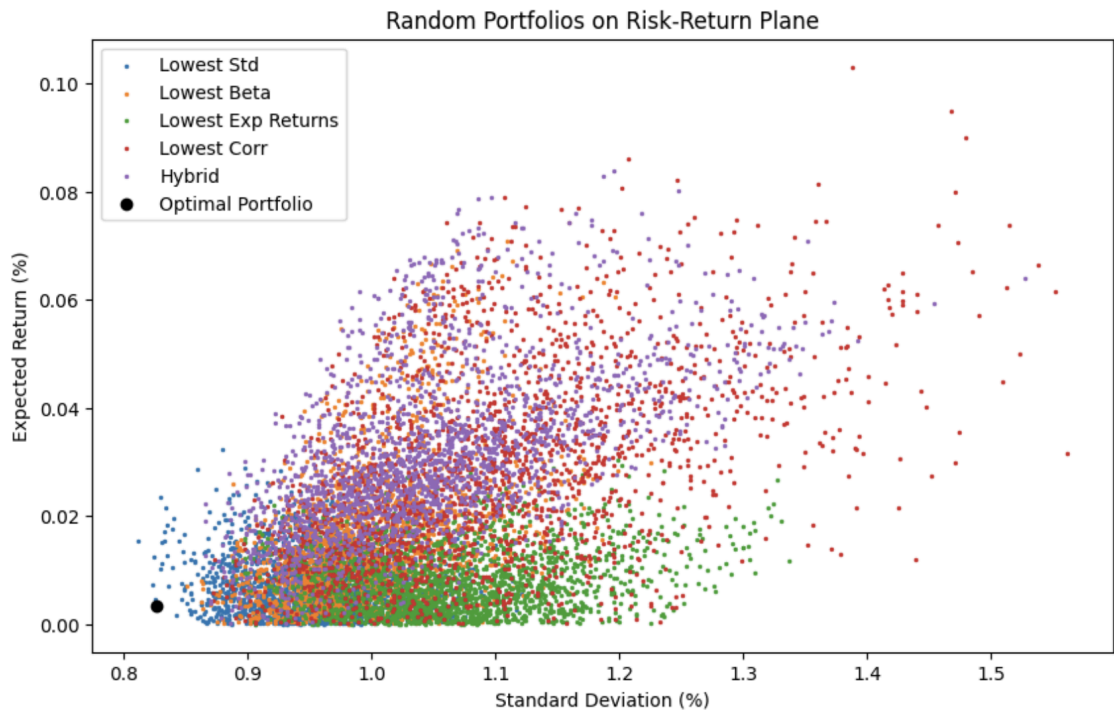
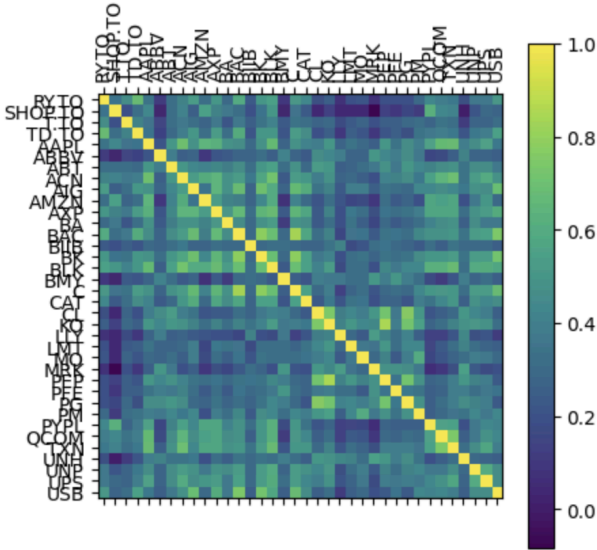


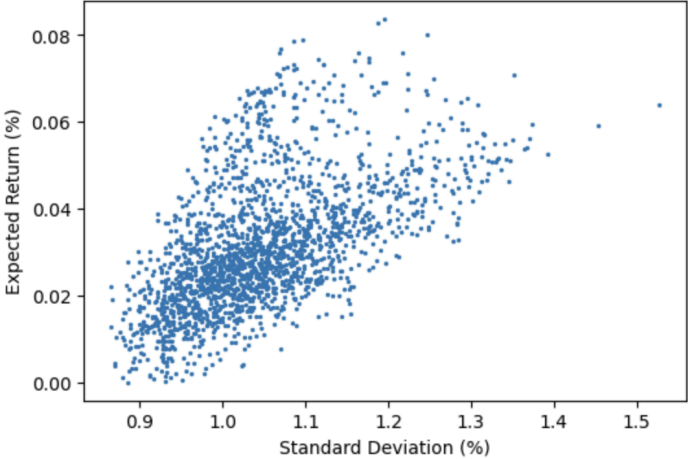
The following screenshots showcase *Matplotlib visualizations* designed to analyze the risk and return profiles of various stock portfolios and individual stocks, based on factors like standard deviation and correlation. These visualizations were key in evaluating performance trends, volatility, and financial metrics, supporting data-driven insights into portfolio risk management and return optimization.



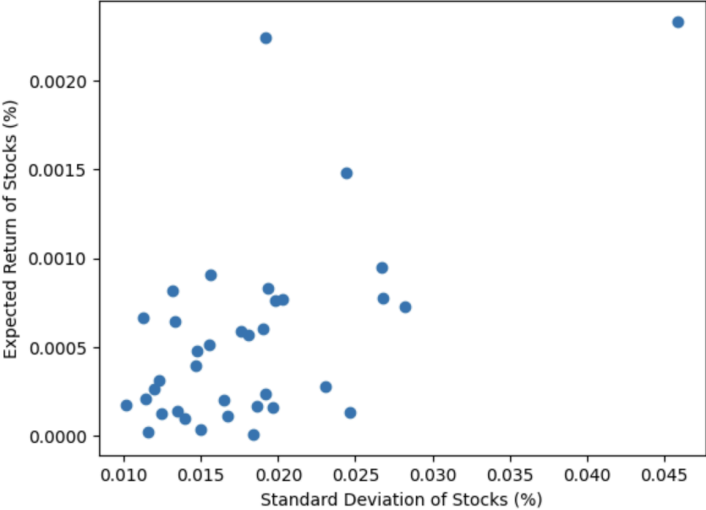
Tech Stocks Correlation Matrix



Random Portfolios for Hybrid Candidate on Risk-Return Plane



Standard Deviation of Stocks vs. Expected Return of Stocks



Beta of Stock vs. Expected Return of Stock

