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Project Title: Implementing Volatility into Investor’s Portfolios

Overall Project Goal: Find a way to safely implement volatility to protect investor’s portfolios

List of specific tasks to be accomplished to reach the goal:

Data collection

Creating robust portfolio backtests

Create different portfolios across different assets

Approximate timeline to accomplish the specific tasks (remember you have 10 weeks to complete your project)

May 1st – start data collection and figuring out which assets are going to be in the various portfolios

May 15th – Construct multiple portfolios with different asset allocations

May 29th - look to start backtesting the portfolios and create a holistic method to evaluate each portfolio

June 14th – create graphs and other relevant visualizations

June 28th – start the poster

List of special skills you will have to develop or special equipment you will have to learn to use

Python

Learning the efficient frontier of investments

Back testing various portfolios in python