Methodology:

Implemented the montecarlo simulation to find efficient frontier.

Implemented the efficient frontier through pypoft package in python

Created multiple models in data robot:

Used this blog for feature engineering and data download.

https://python.plainenglish.io/how-to-predict-stock-prices-change-with-random-forest-in-python-f707e101d5c4

When looking at describing models that performed best for each ticker the mean/std could be checked.

Current simulation is 1 day future prediction. As target.