**Project 3 Outline:**

**Project Goal:**

Complete final analysis of back testing strategy results from Project 2 and add portfolio trade optimization to the analysis. In addition, stand up a digital platform to summarize and present our analysis from projects 1 and 2.

**1. Data Collection and Processing:**

* Data from projects 1 and 2 are the datasets that will be utilized in project 3. No additional data is required for project 3.
* Data preprocessing will involve additional analysis and summary of data insights from project 2.

**2. Data Analysis and Trading Insights:**

* Isolate winning trading strategies within the subset population studied.
* Create portfolio of trades that maximize returns over the time period analyzed.
* Develop several trading/portfolio strategies depending on investor goals.
* Identify simple Machine Learning algorithms for use in strategy execution.

**3. Digital Trading Analysis Platform (DTAP):**

* Develop a digital trading analysis platform that summarizes:
  + Trading strategy performance by stocks, sectors and indexes
  + Optimal portfolio of trades based on specific investment criteria.
  + Winning portfolio strategies that provide efficient frontier return performance.