**Predictive Analysis of Stock Market Trends**

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Group 3

Joe Miller

Criselda Dimacali

Nehemiah Dang

Kelby Wilson

**Overview**

In this project, we will be forecasting the stock market and predict the companies who will continue to grow even if the pandemic problem continues. We will be comparing the stock price data using neural network based models.

**Goals**

1. To use Pandas, Javascript, Tableau, Matplotlib, SQL Database, CSS/bootstrap etc.
2. To get information on 10 top/well-known companies we can invest in during the pandemic according to their stock price performance over time.

**Specifications**

We want to use an API in combination with a trained machine learning model to generate and test our predictions.

**Visualizations**

We will use different tools to visualize our testing data and models and some of the results we get.

* Line / Candlestick graph
* D3
* Location-based data (map of company locations(?))

