



Investor Financial Dashboard



Boot Camp Final Project
University of Toronto SCS - Data Analytics

Project Members:
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- An Interactive Financial Dashboard for investors who are interested in obtaining Technical stock insights of various companies including various financial institution stocks.
- Power BI Business Analytics is the platform used to present the Visualization of the data.
- The Dashboard allow investors to interactively analyze various stocks prices to current market
- Machine Learning for price prediction using Facebook Prophet and Long Short Term Memory models

Use Case:

- Create a visual dashboard using PowerBI Business Analytics
- Provide price charts of the various US Stock Index
- Provide price charts of the various the company Stock
- Provide price prediction chart of Facebook Prophet ML Model
- Provide price prediction chart of Long Short Term Memory ML Model
- All data to exist on MySQL DB
- PowerBI slicer automation

Challenges:

- Machine learning models incompatibility
- Machine learning model accuracy
- Machine learning data splitting for test, train and prediction
- PowerBi customization



Investor Financial Dashboard Demo