CSE523: Machine Learning

Faculty Mentors: Prof. Mehul Raval,

Weekly Project Report

Stock Price Predictor
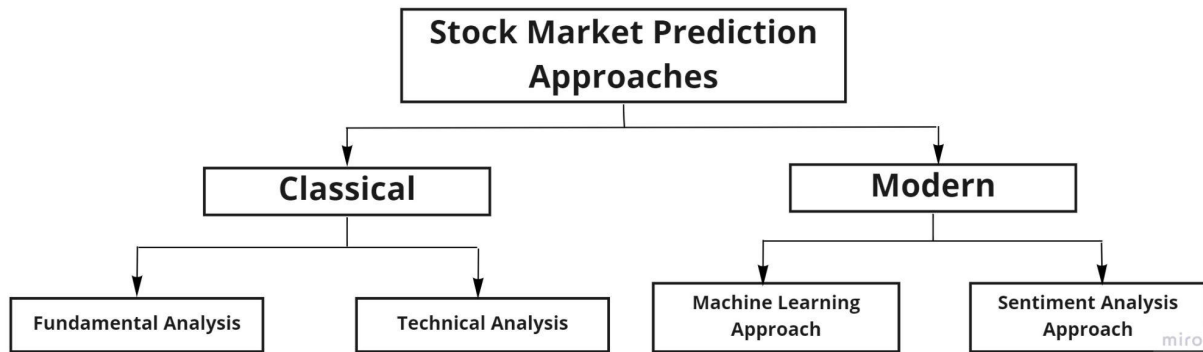
Team MUSK

Student's Details

Student's Name	Enrollment Number
Sanskruti Shingala	AU1940124
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- **Tasks Performed in the week**

  ○ Studied about which variables and events affect the Stock prices
  ○ Read case studies and research papers on stock price prediction
  ○ Researched about various techniques to be used for stock price prediction

- **Outcomes of the tasks performed.**

  ○ Got ideas about which variables should be used for further process
  ○ Had some idea from case studies that which approach/algorithm will work or which will not work
  ○ Learned about various ML algorithms which may be used for price prediction.

- **Tasks to be performed in the upcoming week.**

  ○ Have to study more about sudden change in prices and its factors
  ○ Have to test some basic statistical techniques on our data set e.g. moving average and Linear regression
  ○ To set up a concrete foundation for our project.

Reference Links:
  1. https://www.analyticsvidhya.com/blog/2018/10/predicting-stock-price-machine-learningnd-deep-learning-techniques-python/
  2. https://www.sciencedirect.com/science/article/pii/S1877050920307924
  3. https://www.analytixlabs.co.in/blog/stock-market-prediction-using-machine-learning/#sub4
  4. Review: Stock Market Prediction Using Machine Learning Techniques: A Decade Survey on Methodologies, Recent Developments, and Future Directions