CSE523: Machine Learning

Faculty Mentors: Prof. Mehul Raval

Weekly Project Report

# Stock Price Predictor

## Team MUSK

### Student's Details

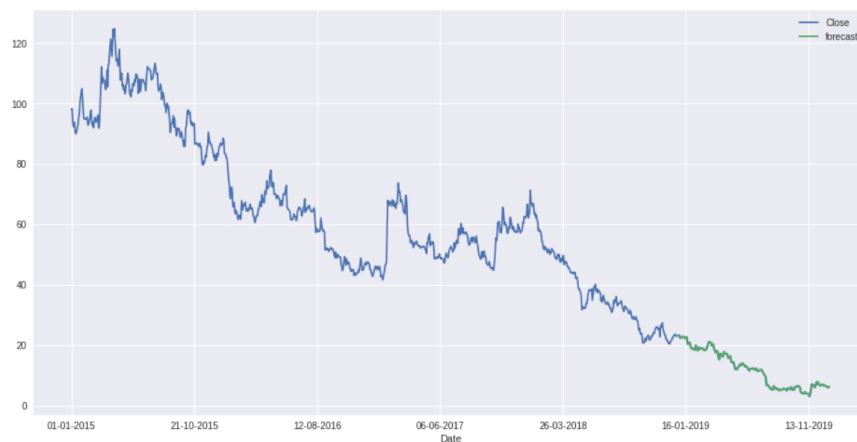| Student's Name | Enrollment Number |
|---|---|
| Sanskruti Shingala | AU1940124 |
| Mansi Savaj | AU1940158 |
| Krinal Boghani | AU1940195 |
| Udit Kapadia | AU1940214 |

- **Tasks Performed in the week**

  - started with the ARIMA method
  - Calculated the RMSE value of that method and compared it with the previous method.

- **Outcomes of the tasks performed.**

  - Got desired output from this method
  - Found that the ARIMA method is better than the previous two methods

Graphs of the ARIMA method used on our dataset:

**VI company:**



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

  - Applied this method to more datasets
  - Try another method and check which has a smaller RMSE value