



Data and Business Analytics practice

Mini Project

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Our topic:

Stock Price Prediction





Models being used

- Moving Average
- Linear Regression
- k-Nearest Neighbors
- Auto ARIMA
- Long Short Term Memory (LSTM)
- Prophet



Scope of Improvement:

Linking the models with NEWS API's to increase the accuracy.

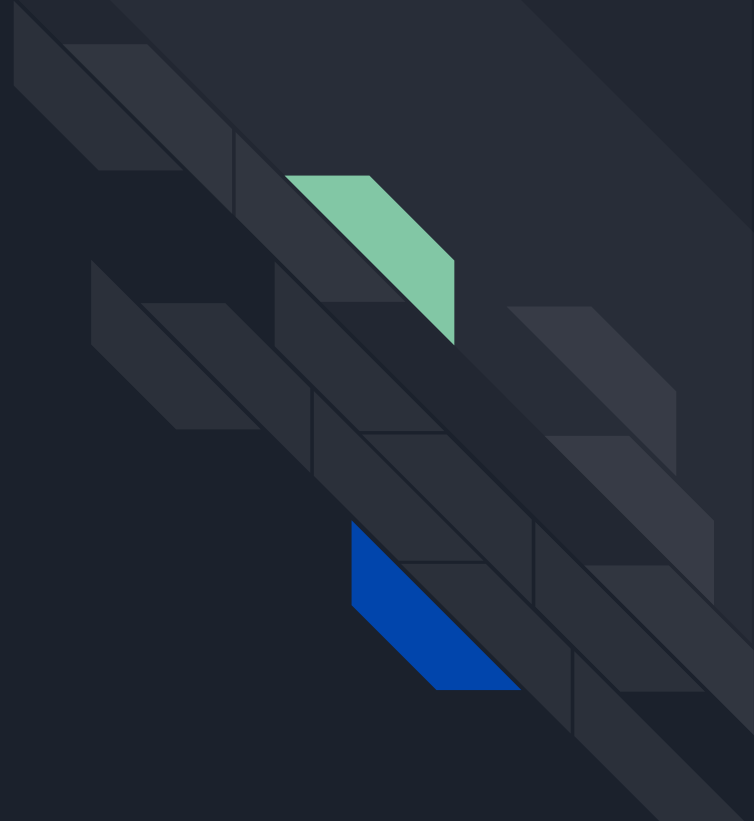
Dataset:

- [DJIA \(Dow Jones Industrial Average\) stock dataset \(till 2016\)](#)
- [DJIA \(till date\)](#)

Backup Idea:

Analyze the data on financial loans to help with the investment decisions of a company

- Presentation of analytical results.
- Some predictive analytics tasks like classifying loans and predicting losses from defaulted loans.
- How to allocate investment funds using analytics tools
- Prescriptive analytics, on how to allocate investment funds using tools, such as clustering and more.





Thank you!