



Yes Bank Stock Closing Price Prediction

Regression

Project Description

Business Context

Yes Bank is a well-known bank in the Indian financial domain. Since 2018, it has been in the news because of the fraud case involving Rana Kapoor. Owing to this fact, it was interesting to see how that impacted the stock prices of the company and whether Time series models or any other predictive models can do justice to such situations. This dataset has monthly stock prices of the bank since its inception and includes closing, starting, highest, and lowest stock prices of every month. The main objective is to predict the stock's closing price of the month.

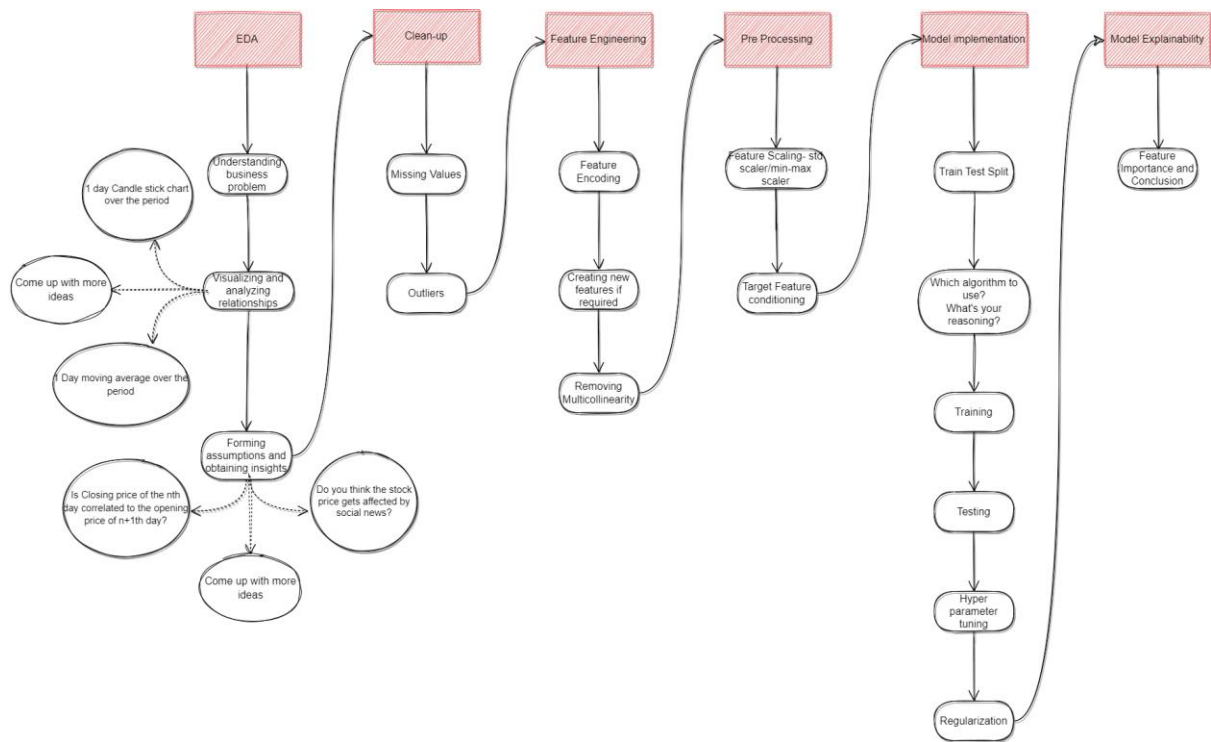
Data Description:

Fields	Description
Date	Date of record
Open	Opening Price
High	Highest price in the day
Low	Lowest price in the day
Close	Closing Price of the day

Main Libraries to be Used:

- Pandas for data manipulation, aggregation
- Matplotlib and Seaborn for visualisation and behaviour with respect to the target variable
- NumPy for computationally efficient operations
- Scikit Learn for model training, model optimization, and metrics calculation

Project Architecture:



Help