

PROJECT ABSTRACT OF Data Science

STOCK PRICE PREDICTOR

Using Long-Short Term Memory Network

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Problem statement:

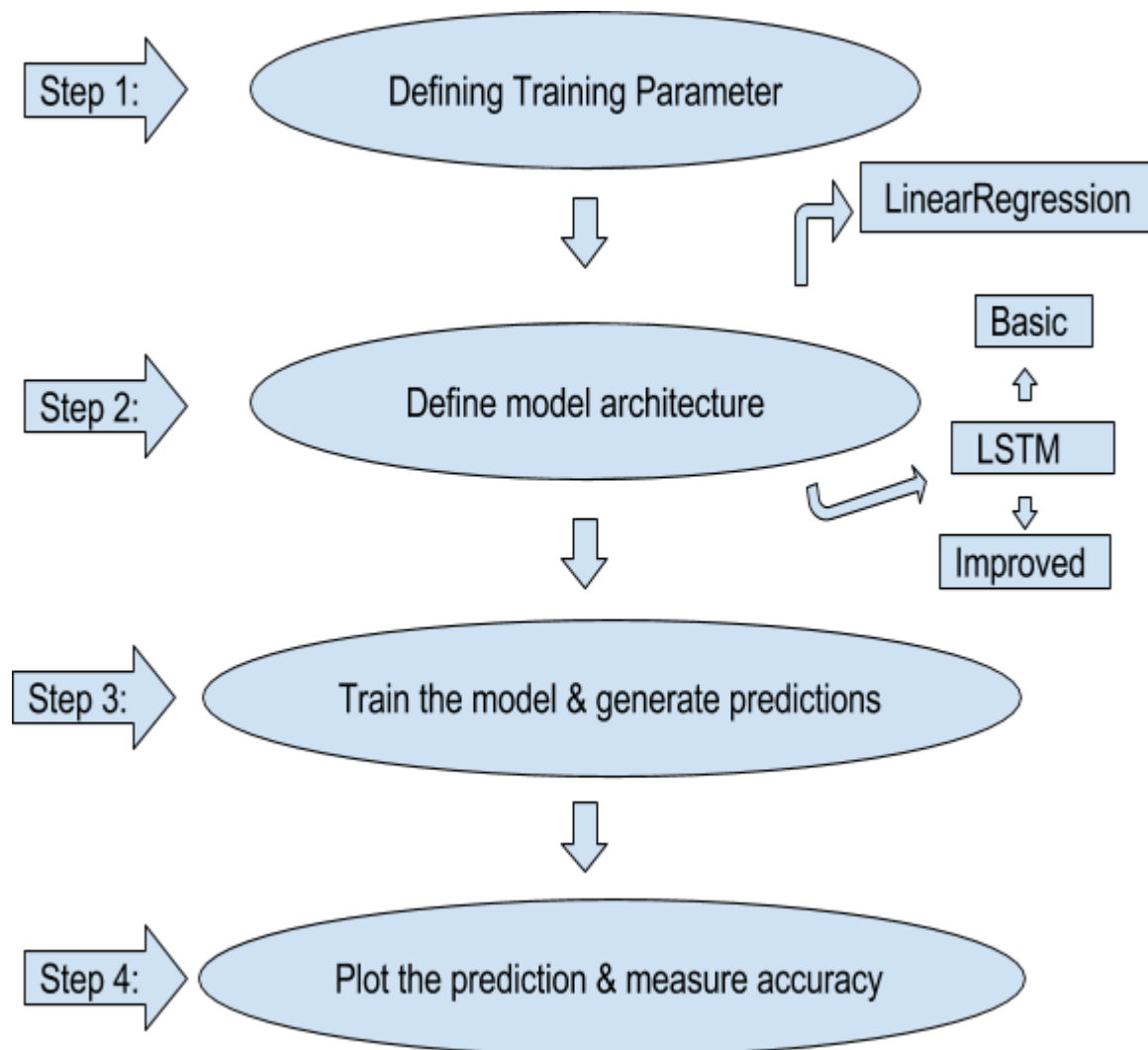
The challenge of this project is to accurately predict the future closing value of a given stock across a given period of time in the future. For this project I will use a **Long Short**

GOALS

1. Explore stock prices.
2. Implement basic model using linear regression.
3. Implement LSTM using keras library.
4. Compare the results and submit the report.

Implementation

Once the data has been downloaded and preprocessed, the implementation process occurs consistently through all three models as



follow:

I have thoroughly specified all the steps to build, train and test model and its predictions in the notebook itself.