

RELIANCE LTD.

Stock Analysis

Using Python Libraries such as Numpy, Pandas, Matplotlib, Tensorflow, and Keras using LSTM Model.

By Vansh Kumar Sharma



Reliance
Industries Limited
Growth is Life



Company Details

Company Name:

Reliance

Date of Incorporation:

08 May 1973

Business:

Energy, petrochemicals, natural gas, retail, telecommunications, mass media, and textiles.

Authorized Capital:

It's a company limited by shares having an authorized capital of Rs 15,000.00 cr

Share Listing:

The Company's stock has been listed on the Stock Exchange since November, 1977

Paid-Up Capital:

Paid-up capital of Rs 6,765.35 cr as per MCA.



Overview

A Brief About the Problem

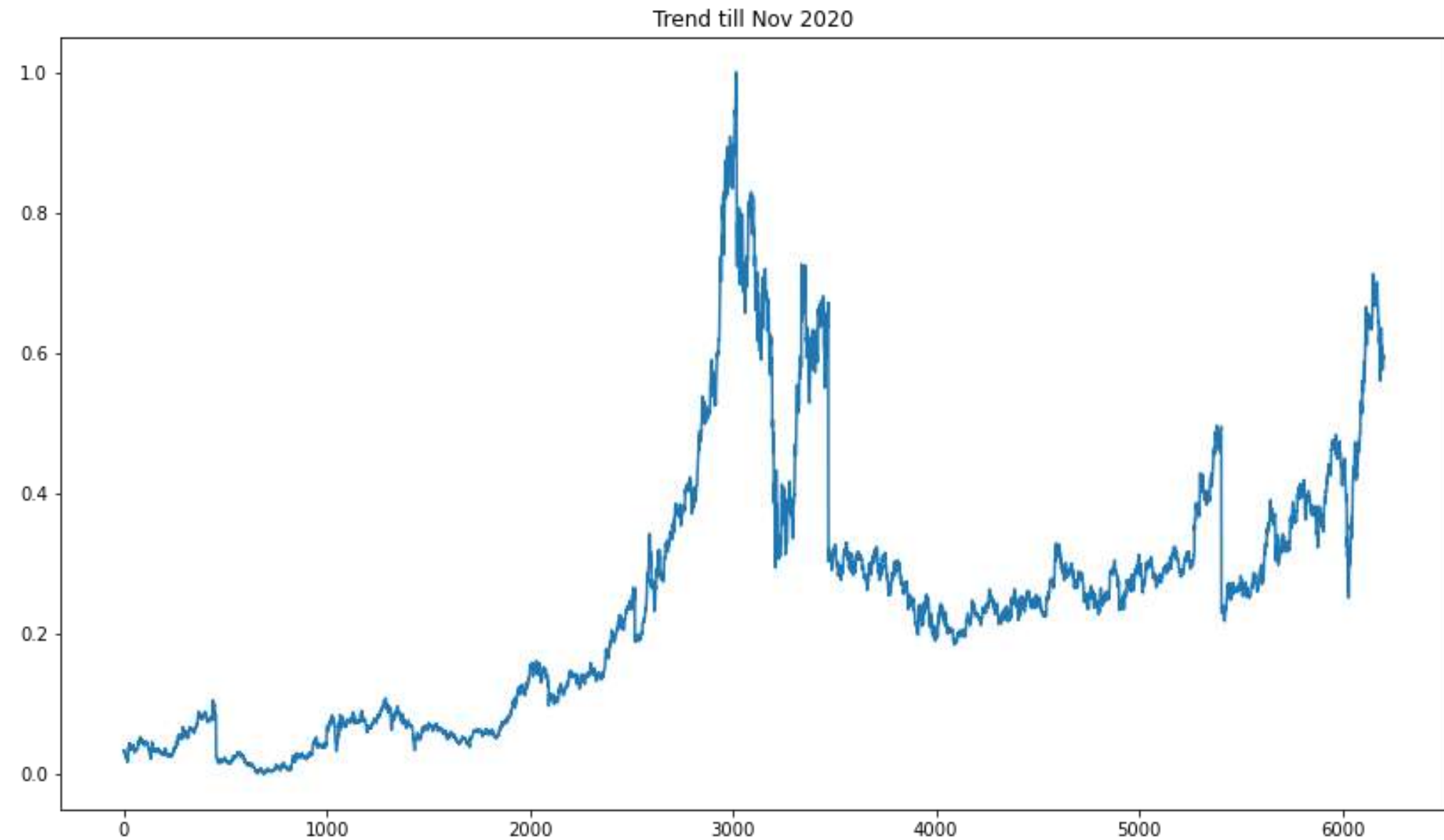
- A dataset containing prices of Reliance stock from 1996 to 2020.
- Contains volume, turnover, open, high, low, close prices of the stock.
- This dataset is meant to be used for predicting the stock prices in future.

Trend Function

Steep rise
3000

Steep Fall
6000

Trend from Jan 1996 till Nov 2020

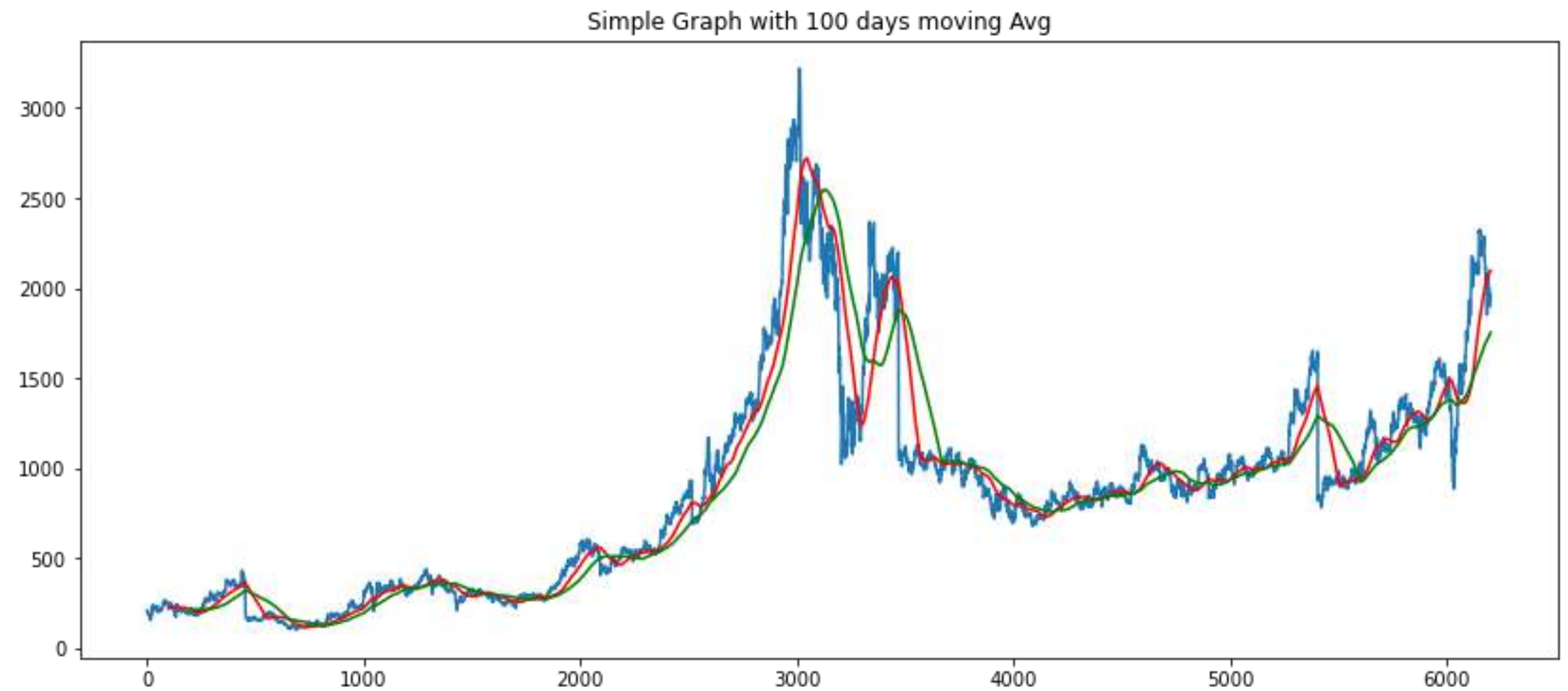


Buy?!

OR

Sell?!

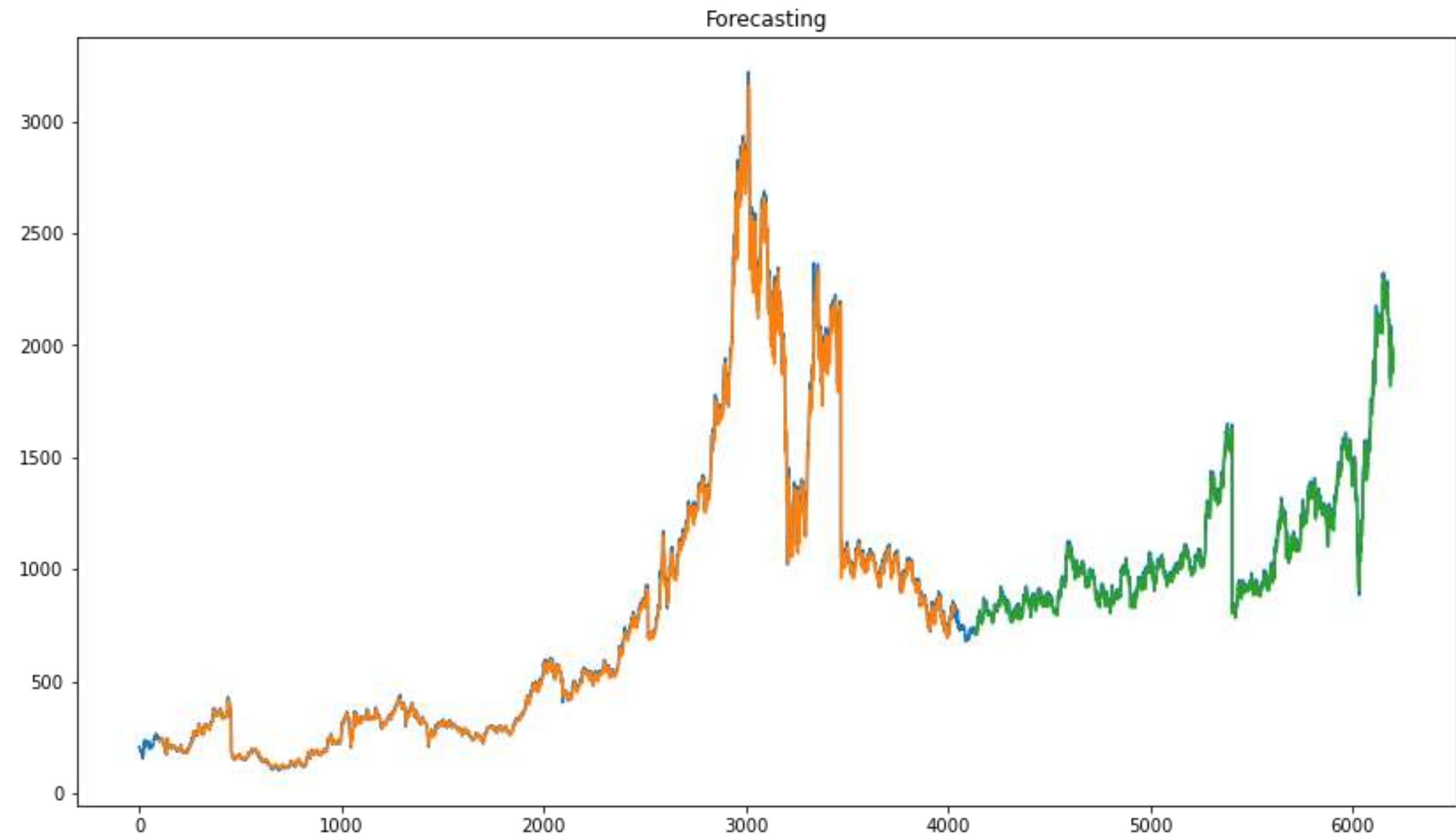
Simple Trend vs 100 days Moving Avg vs 200 Days Moving Avg



Forecasting Model

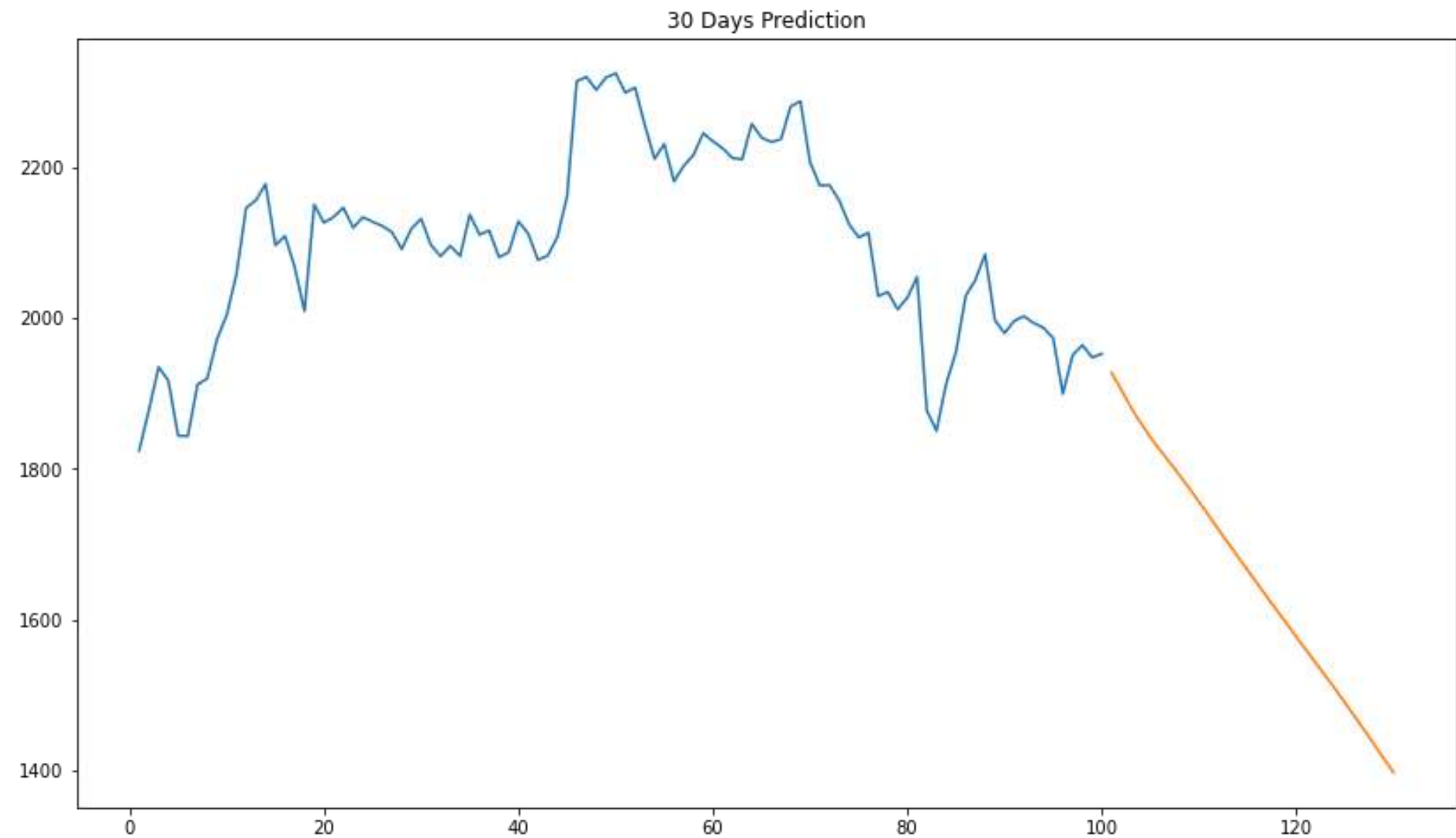
Forecasting Model
Overlap

Forecasting Model Overlapping Real Data



Prediction Model

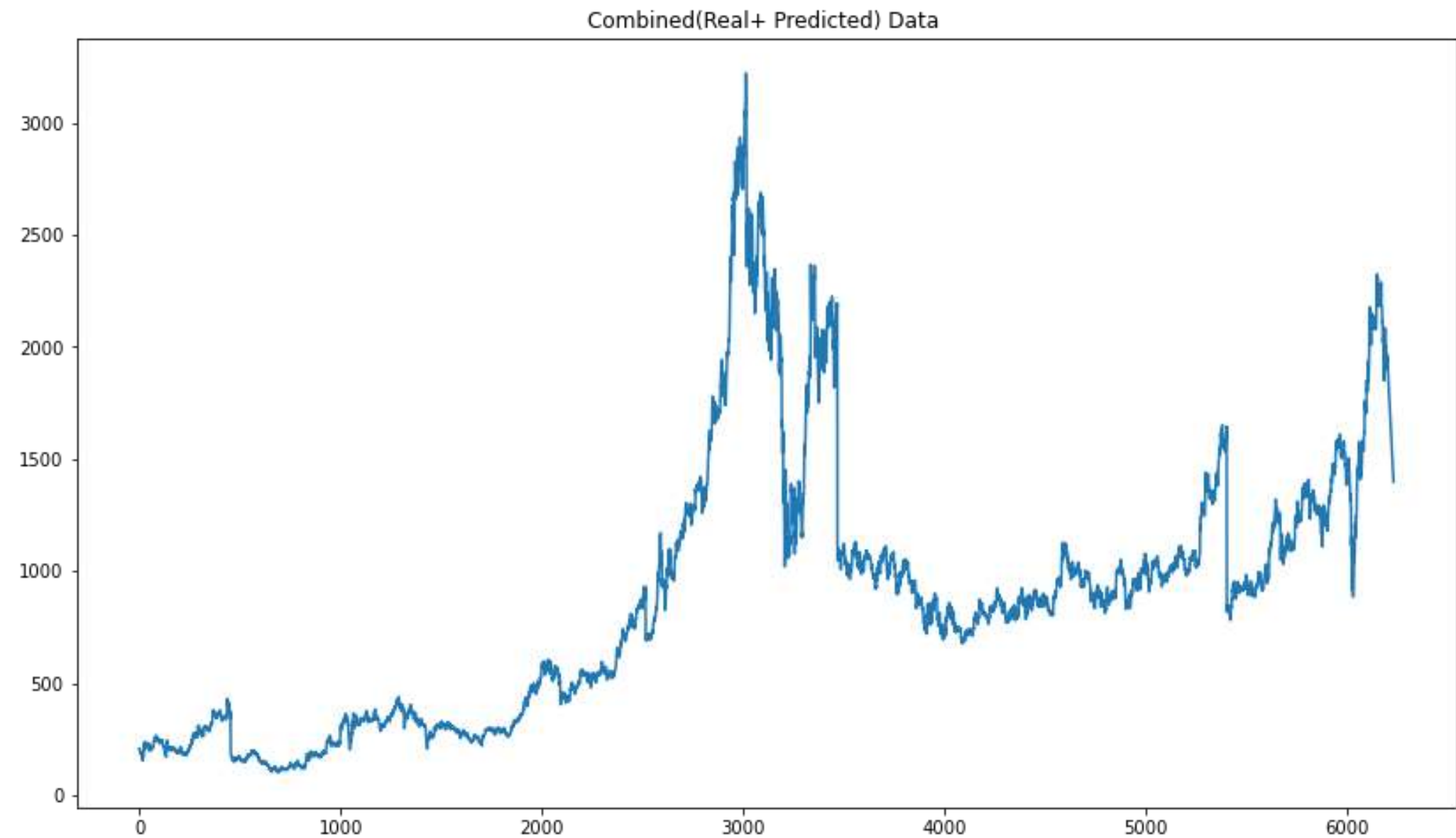
30 Days Prediction Model



Predicted Data

Conclusion
Decrease

Real + Predicted Data





Thank You!

for listening us patiently.