

Stock Market Prediction Application User Guide

Version 1.0

Document version:

Date	Version	Remarks
27 Sep,2020	1.0	Application gives all closing and predicted price of last 6 days for the chosen stock

How to access the application of stock market prediction?

1. The application is running on google cloud instance which has external IP to access it over the internet. I shall be keeping it down for cost effectiveness. So it will be accessible only when my device is up.
2. The IP is not elastic - each time it will be changed with reboot.
3. To access over internet:
http://<IP>:8501/

8501 is the port for the Streamlit application access.

4. This will be the interface :

Indian Stock Market Prediction

Finding a probable stock price using Machine Learning

Please choose a stock and date to get your stock price:



Image Courtesy: <https://www.clickastro.com/ogimages/indian-stock-market-predictions.jpg>

The Stock price prediction available at our website for these Indian stocks:

	symbol	name
0	3MINDIA.XNSE	3M INDIA LTD
1	ABB.XNSE	ABB INDIA LTD
2	ACC.XNSE	ACC LIMITED
3	ADANIENT.XNSE	ADANI ENTERPRISES
4	ADANIGREEN.XNSE	ADANI GREEN ENERGY
5	ADANIPORTS.XNSE	ADANI PORT SPECIAL
6	ADANITRANS.XNSE	ADANI TRANSMISS. IN
7	AMBUJACEM.XNSE	AMBUJA CEMENTS LTD
8	APOLLOHOSP.XNSE	APOLLO HOSPITALS.
9	ASIANPAINT.XNSE	ASIAN PAINTS LTD
10	AXISBANK.XNSE	AXIS BANK

Which Stock do you like best?

3MINDIA.XNSE

You selected: 3MINDIA.XNSE

Please choose a date within next 30 days:

2020/10/01

You have chosen: 2828-18-01

RMSE measures the accuracy of AI prediction, not to worry if you do not understand. RMSE:

391.88695561879814

	close	Predictions
198	21,532.5500	20,893.4355
199	21,583.9000	21,361.0195
200	21,242.8500	21,510.9449

It shows you the available stock and their tickers.

5. Select the date and stock from the drop box.
6. It shows the closing price and prediction for the particular stock for the last 60 days.

Features to come:

1. Next Day Prediction
2. The Prediction for the user chosen future date