



Forecast for the month of August

Fb Prophet Model

NIFTY 50 index

- Year
 $((14.7566 - 13.5298) / (13.5298)) * 100 = + 9.06 \%$
- Month
 $((16.1711 - 15.916) / (15.916)) * 100 = + 1.602 \%$

BSE SENSEX

- Year
 $((50.577 - 46.489) / (46.489)) * 100 = + 8.79 \%$
- Month
 $((53.635 - 52.994) / (52.994)) * 100 = + 1.209 \%$

ARIMA (Autoregressive Integrated Moving Average)

NIFTY 50 index

- Year
Forecast = + 9.926 %
- Month
Forecast = + 2.47 %

BSE SENSEX

- Year
Forecast = + 10.59 %
- Month
Forecast = + 1.94 %

Multivariate LSTM

NIFTY 50 index

- Year
Forecast = + 18.115 %
- Month
Forecast = + 2.22 %

BSE SENSEX

- Year
Forecast = + 17.75 %
- Month
Forecast = -1.41 %

Final Forecasts:

NIFTY 50 Index

- Next Year: + **12.36** %
 - Confidence: 2
- Next Month: +**2.09** %
 - Confidence: 3

BSE SENSEX

- Next Year: +**12.37** %
 - Confidence: 3
- Next Month: +**0.91** %
 - Confidence: 1