**Stock Market Forecasting with ARIMA, SARIMA , SARIMAX of Tata motors**

**Dataset:****<https://finance.yahoo.com/quote/TATAMOTORS.NS/history/>**

**YouTube:** [**https://www.youtube.com/watch?v=ALWt6y7lVWw**](https://www.youtube.com/watch?v=ALWt6y7lVWw)

**For more knowledge:** [**https://zerotomastery.io/blog/arima-sarima-sarimax-explained/**](https://zerotomastery.io/blog/arima-sarima-sarimax-explained/)

**We have the data from 2023-08-01 2024-07-31**

**Here we have the 245 data points**

**For calculating the MAPE we used 200 data points for the train data and 45 data as the test data.**