

“Stock Trend Prediction”

Introduction:

The “**Stock Trend Prediction**” has been developed using machine learning in order to predict the trend of the stock will go up or it will fall down.

The dataset consist of various parameter **Date, High, Low, Close, Adjusted Close and Volume**. Since the project is based on the **forecasting time series date** we are going to use **Additive Regression Model**.

The dataset is based on the example of particular company and will predict the future trend of the stock.

Requirements:

Date Library

Prophet Library

yfinance (**API for Yahoofinance for educational purpose.**)

Stremlit Framework

Parameters:

1. Date
2. Open
3. High
4. Low
5. Close
6. Adj Close
7. Volume

Project Synopsis

Roll No: CS20046

Date: 02/01/2023

Flowchart:

