

# Project Methodology

Predicting anything is always very interesting, Machine learning helps us very much in this sector, it can easily generate values of future with the help of many approaches. For our project, we did find stocks data from all available online and offline sources. Use stock's ticker symbol from step a to get data from any finance house for stocks data. We can choose the stock duration, in here we are thinking to consider 20-30 days of stock data. Further we will divide the data into two parts, training data and testing data, where 80 percent of the data will be used for training and 20 percent of the data will be used for testing.

We are thinking to solve the problem using below supervised learning techniques to build our model

1. Linear Regression.
2. Support Vector Machine.

To solve the problem, we will follow below steps –

1. Using dataset or We can import data from web of any duration time.
2. Provide the data to the system.
3. Train the system.
4. System will predict the output.

## Flow Chart:

