Facebook-Stock Price Prediction

**Explanation and Presentation**

* First I searched how we can import dataset from various companies and it’s free or paid
* Then i found quandl is providing free dataset of companies like facebook,google,amazon etc
* Then I created an account on it because with api it give more than 50 calls
* Then I research what is share marketing and we can invest it
* Then i understood it’s Supply and Demand basis
* Then import dataset into my project
* I found the Adjacent Close Price
* Based on this I created predict column and in this I inserted values of Adjacent Close Price after 30, simply it shows first value of Adjacent Close Price and 31 value of Adjacent Close Price which i took predicted
* Then I created X and y Numpy array as independent and dependent variables.
* Then I split into 80% training and 20% testing
* Then I created 2 model(SVR & RandomForestRegression) and fit values into it and show the score of both
* Then i found both of score is 0.985(SVR) and 0.982(RandomForestRegression)
* SVR is more good than RandomForestRegression
* Then I took last 30 data which i removed and test on it
* Then i visualize the model

***#My Whole code is Fulfilled Comments with each step point so everyone can easily understand***

**Resources**

I used Google Colab For Execution and Quandl for dataset

**Libraries which i used**

I Used Numpy,Pandas,Matplotlib,Sklearn and Quandl