Tesla Tweets

# About the Project

In this project we have tried to predict stock price change from the tweets posted by the owner of the company, here we have considered the tweets of Elon Musk and figured out what would be the effect on the stock price of tesla with respect to the tweets posted by him.

# Resources Used

 We have used the dataset consisting of his tweets(2012-2017) and using the natural language processing to analyze how the stock price had been changed by analyzing on his previous tweet by taking the timestamp of the stock price fluctuation which happened in the vicinity of the time frame when the tweet/tweets were posted

we have tried that whenever a new tweet would be posted by Elon Musk, based on the fluctuations of the stock price and the language/words in his previous tweets we would be predicting the positive or negative change the stock price of Tesla of this tweet.

We have altered the dataset by combining the tweets and stock price change based on date, we have used EDA to bring out parameters that help us in training our model,

We have taken various parameters like:

* In which month he the tweets the most
* how many in words are there in the tweets
* how many sentences are there in the tweet
  + …
  + …

Bibliography

We have taken the dataset from Kaggle:

<https://www.kaggle.com/kulgen/elon-musks-tweets/version/1>