PROJECT REPORT

HURRAY

We have successfully completed our project which consists of collecting the tweets from twitter account (written in keys.py file), finding out sentiments from the collected tweets along with other data (such as tweet created at, followers count, etc) .Using those outputs in elasticsearch we finally prepare our dashboard which represents all these data in a well statistical form.

**libraries/packages and application required:-**

1. JSON
2. Tweepy
3. Textblob
4. Elasticsearch
5. Datetime
6. Incompleteread
7. Ouathlib

And all required functions used in python file.

1)Pycharm IDE or any other python IDE.

2) Elasticsearch.

3) Kibana.

**Special features of the Program:-**

The tweets are collected in real from twitter API hence; it will give us most recent tweets. As option provided for search term in the program so, you can search about any topic (either trending or not), it will give the result as fast as possible. No restriction on the number of tweets collected so any number of tweets can be extracted. In case of waiting time issued by twitter API it will terminate the program after giving the error message.

About Dashboard:

We are adding and analysing the data in dashboard over one week .And added the data information as expected along with other data to gain more information from the collection of tweets.

DASHBOARD LINK: <http://localhost:5601/app/kibana#/dashboard/49445630-77a3-11e8-aae5-c188c612a8e7?_g=(refreshInterval%3A('%24%24hashKey'%3A'object%3A225'%2Cdisplay%3A'5%20seconds'%2Cpause%3A!t%2Csection%3A1%2Cvalue%3A5000)%2Ctime%3A(from%3Anow-30d%2Cmode%3Aquick%2Cto%3Anow))>

You can search about the terms related to bitcoin because while doing the analysis we were using the bitcoin related terms as a search option.

**THANKS FOR READING NOW ITS TIME TO RUN THE**

**PROGRAM…. HOPE YOU LIKE IT!!! WAITING FOR YOUR**

**FEEDBACK**