**Twitter Data collection & Sentiment Analysis**

**Objective**

Pull Twitter data for Donald Trump from January 2016 to November 2016

Twitter Handler: realdonaldtrump

Make separate csv file for

1. Realdonaldtrump (all tweets written from Donald Trump Profile)
2. @realdonaldtrump (all tweets written by other twitter profile (Other People) addressing Donald Trump using his twitter handler @realdonaldtrump)
3. #realdonaldtrump (all tweets written by other twitter profile (Other People) addressing Donald Trump using his twitter hash tag #realdonaldtrump)

For Example look at the three csv files shared with this document.

**Deliverable (Data)**

Three Separate CSV

1. Realdonaldtrump.csv
2. @ realdonaldtrump.csv
3. # realdonaldtrump.csv

Output files must contain following columns:

|  |
| --- |
| Name |
| Twitter Handle |
| Total Tweets |
| Total followings |
| Total Followers |
| User Id |
| User Verified |
| User Location |
| User Description |
| Date of tweet |
| Tweet id |
| Tweet Text |
| Tweet Language |
| Tweet Source |
| Tweet Retweet Status |
| Tweet Reply To Name |
| Tweet Reply To Id |

**Sentiment Analysis**

Perform sentiment analysis of every tweets and find –ve , +ve and neutral sentiments. Mark scores from -2, -1, 0, +1, +2.

**Deliverable (Sentiment Analysis)**

1. Realdonaldtrump sentiment analysis.csv
2. @ realdonaldtrump sentiment analysis.csv
3. # realdonaldtrump sentiment analysis.csv

Output file must contain following columns

|  |
| --- |
| Name |
| Twitter Handle |
| Total Tweets |
| Total followings |
| Total Followers |
| User Id |
| User Verified |
| User Location |
| User Description |
| Date of tweet |
| Tweet id |
| Tweet Text |
| Tweet Language |
| Tweet Source |
| Tweet Retweet Status |
| Tweet Reply To Name |
| Tweet Reply To Id  **Sentiment Score** |

**What to submit?**

Linkedin search output.xlsx with all basic profile fields extracted from each individual’s linkedin profile.

1. Output in csv / excel
2. Script (source code)
3. How to execute program and other settings

Mail your output with your resume at [ajay@blackcoffer.com](mailto:ajay@blackcoffer.com)