**Twitter Data API**

**Purpose:**

The purpose is to access Twitter Data API and interact with it and perform some analysis on the searched data.  Essentially, given a search query, it finds the first --search\_max tweet results and yields different fields like text, retweets, followers, friends, polarity etc. associated with that tweet. Then, at the end, the union of all of those topics across the search results are presented.

**Implementation**

I used Python to implement the script. Firstly, I created the csv file which contains all the related links for my search. Then using min and max functions to calculate the values in all the fields example: maximum and minimum number of retweets for a particular video from the list and also display the respective name of the video.

It also calculated the total number of retweets, followers, friends.

Also calculated the positive, neutral and negative polarity count for a specific search term

**Input**

--search\_term1 “music”;

--search\_term2 “photo”;

--search\_max 30

**Output**

Snapshot of output:

