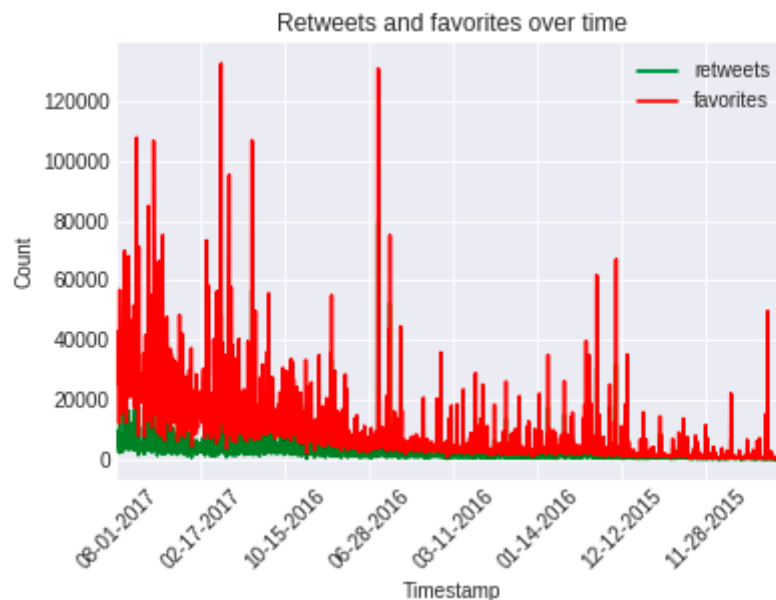# Twitter_Act_Report

February 4, 2019

`Twitter_Act_Report`

This analysis of Tweets from we rate dog twitter account , I already go through the popularity over time basedon two main fields which are :number of retweet and favorites. However I recognized a trend in favorites and retweet over time , it is clearly as the trend increase the account becomes higher , if i compare the number of favorite and the number of retweet , it is clear that there is increase in number of favorites comapred to number of retweets . Also, it is noticible that there many outliers in favorites for extremly tweets.

```python
In [9]: from IPython.display import Image
        Image(filename='Capture.PNG')
```

Out[9]:

In addtion to that , I include basic statistics with three observations:

1- It is clear that rating dog numerator has huge outier 1776 and also the rating dog denoimi-nator 2- The mean for retweet_count is 2766 , and high retweet_count around 79515. 3- The mean for favorite_count is 8895 , and high favorite dog around 132810.

I dip deep to compare the tweet which has the highest favorite dog and check if it is the same tweet which has retweet count. I end up with mentioning that tweet which has been favorite most it is not most retweet.

Finally, I draw correlation between retweet and favorite count . the result indicate that people will favoirte a tweet more than they retweet it . Also, the scatter plot shown that there was a strong correlation between favorite and retweet data with a Pearson correlation cofficient r=0.91.