# ANALYSIS AND VISUALIZATION

We Rate Dogs

This is a twitter ccount that has religiously devoted their time and homour in rating dogs. The data that was required for this analysis was provided by Udacity and i just did some basic downloading for me to be able to use the data. i began by assesing the data using visual assesment then programmatic assessment. AFter that i did some cleaning then the final stage was the analysis which is represented by the insights below.
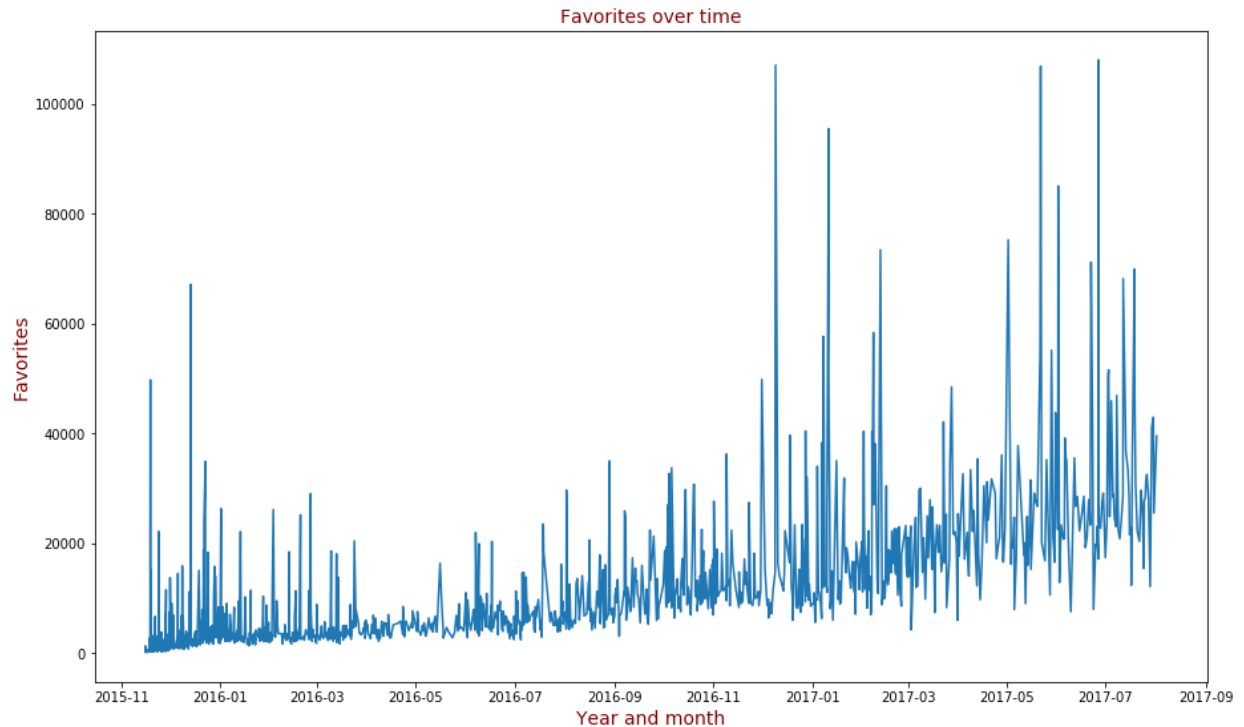
## INSIGHTS
1. Most popular dog name
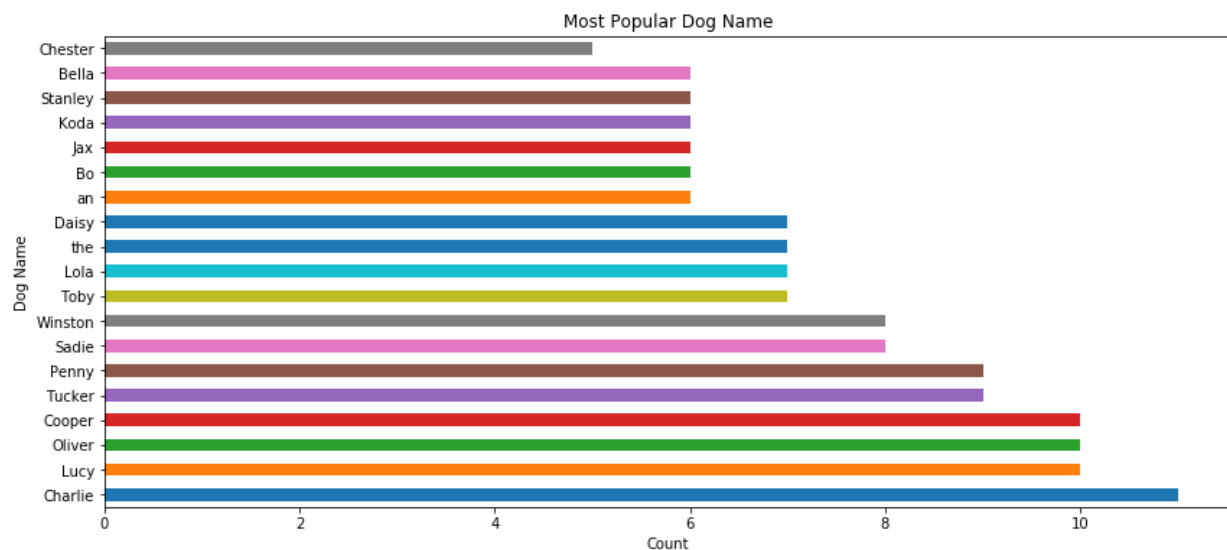
From our visualization we can see that the most used name was charlie with a count of 11 followed by
oliver, cooper and lucy with a count of 10

2. Favorites count overtime

Favorites over time

We can see that overtime there has been an increase in favorites (what people liked) which spiked between 2016-11 and 2016-01 which later declined but as time goes by we can see that it kept on spiking as depicted in the graph above.

3. Retweets overtime

Retweets over time
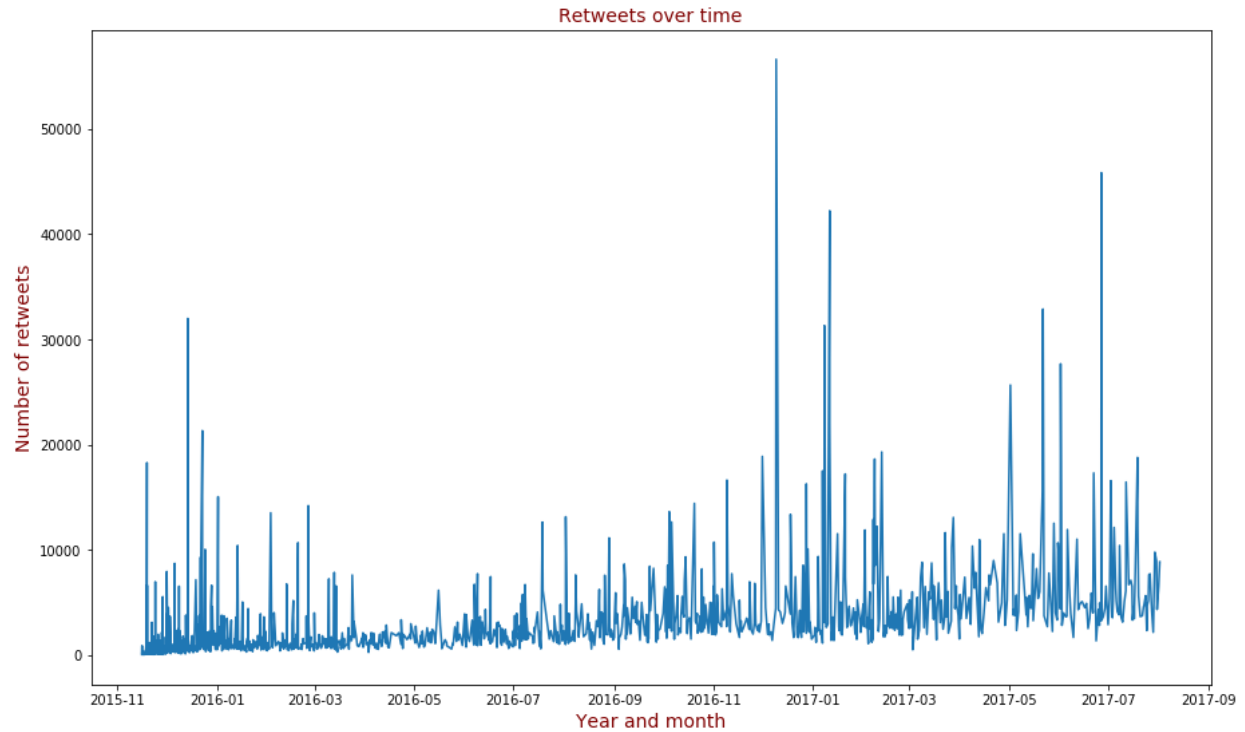
In the year 2015 the retweets were not as much but this changed in between 2016-011 and 2017-01 which shows a huge increase in retweets which later on kept decreasing as shown in the diagram above.

4. Correlation between favorite count and retweets

Favorite and Retweet
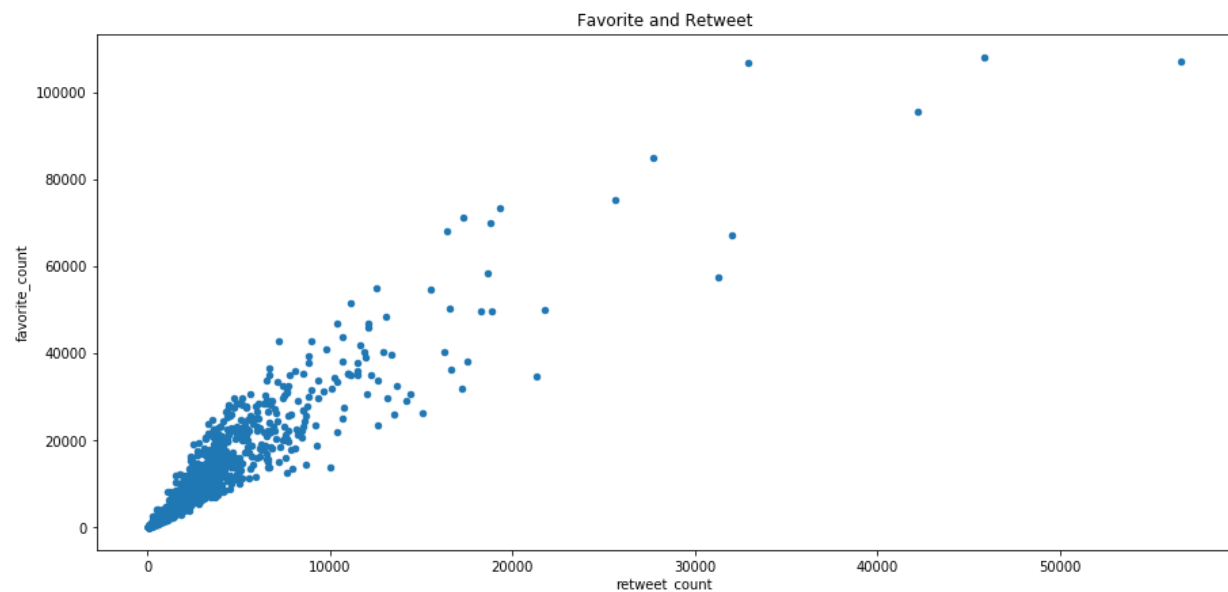
There was a positive correlation between favorites and retweets which means as one increases the other one also increases. This represeted by 0.924 which is a positive correlation. This

shows how much apost was retweeted and this is something that will help the account managers in understanding what people really like and what can ring traffic to their account.