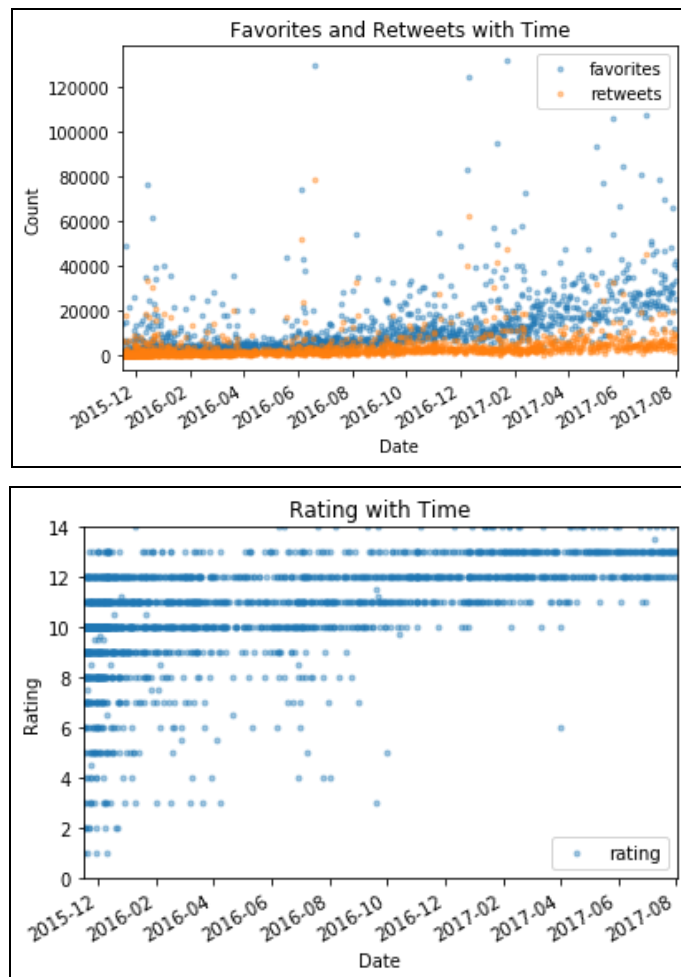


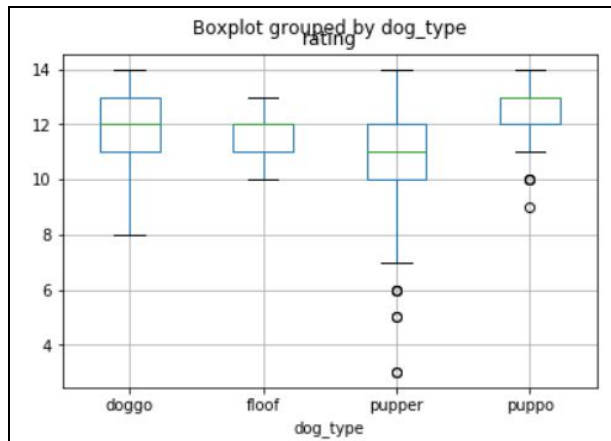
# WRANGLE AND ANALYSE DATA

To wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations. The Twitter archive is great, but it only contains very basic tweet information. Additional gathering, then assessing and cleaning is required for "Wow!"-worthy analyses and visualizations.

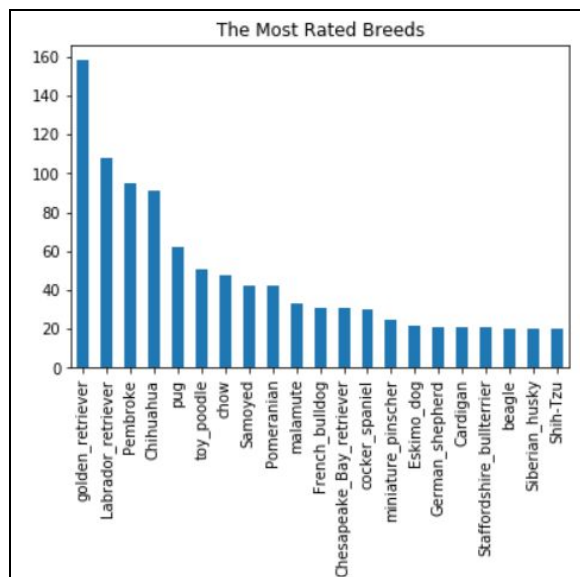
## DATA INSIGHTS AND VISUALIZATIONS:



- I. From the plot, we can notice that all the three quantities have increased with time. Favorites and Retweets seem to have a strong positive correlation. So we can infer that, if a tweet is good in general then it will get more retweets and favorites.
- II. We find no correlation between rating and retweets or rating and favorites. From my assumption, It may be because the caption for the tweet about the dog is getting more retweets and favorites, rather than the dog itself.



- I. The boxplot created for the ratings and dog type shows that puppers are getting much lower rates than the other dog types. We can also notice that they have some outliers which decrease its mean to 10.6.
- II. The Floofers dog type seem to be consistently rated above 10 and the reason is stated.. Further, using statistical summary of timestamp column based on dog type, we found that 'floof' was not a new term, first seen on January 2016. So we came to a conclusion that floofer are consistently good dogs.



- I. This plot shows us the most rated dog breeds. We can notice that 'golden retriever' was the top rated dog, may be because it was familiar to a lot of people and 'Shih-Tzu' wsa low rated as it was not more familiar.