Act Report
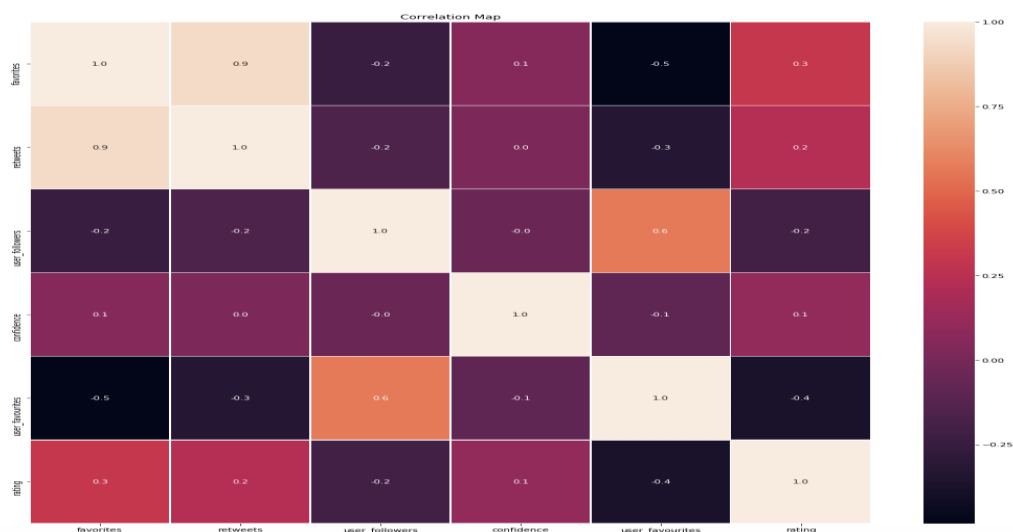
Introduction

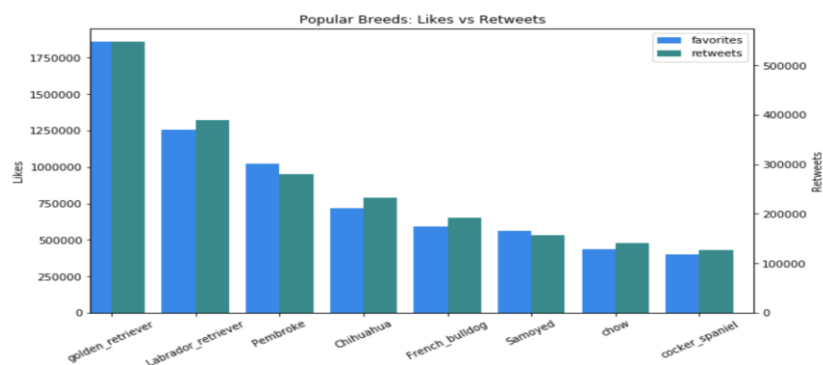The dataset that we will be wrangling (and analyzing and visualizing) is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though almost always greater than 10. WeRateDogs has over 4 million followers and has received international media coverage. WeRateDogs downloaded their Twitter archive and sent it to Udacity via email exclusively for us to use in this project. This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017.

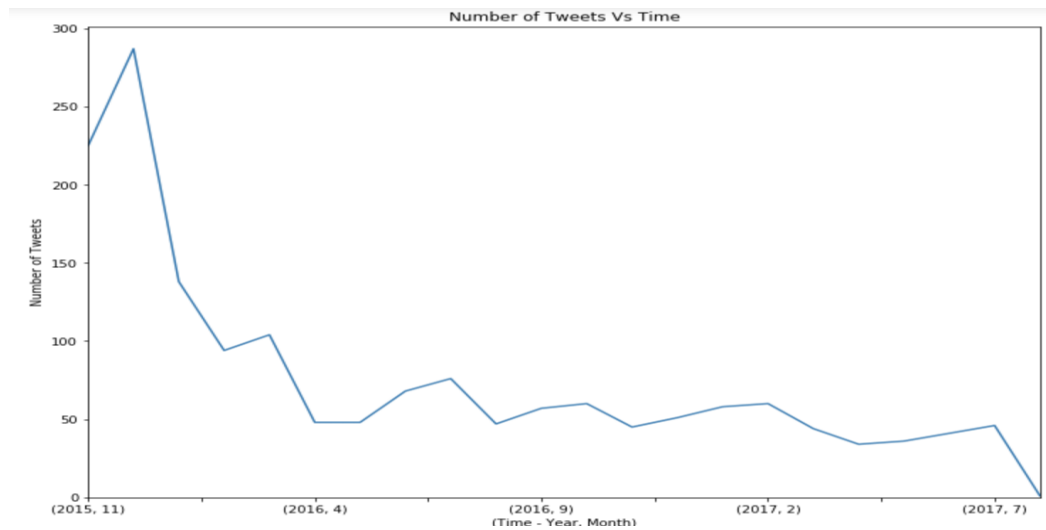**What is the Correlation of various variable in the given data**

- There is strong correlation between retweets and favourites. The dogs having more retweets, are more favourites which is as expected.
- We can see positive corelation of dog rating with favourties,retweets & confidence.
- User followers and favourites doesn't have much effect on each other

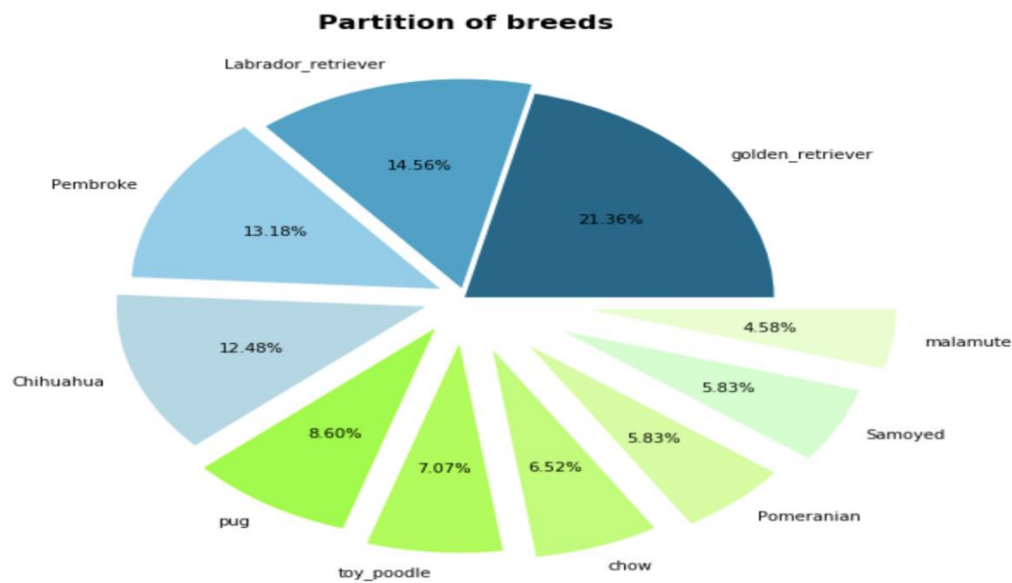**How retweets and favourites are correlated for Popular breeds**

We can see from above plot that breed golden retriever is most popular with highest likes and retweets .

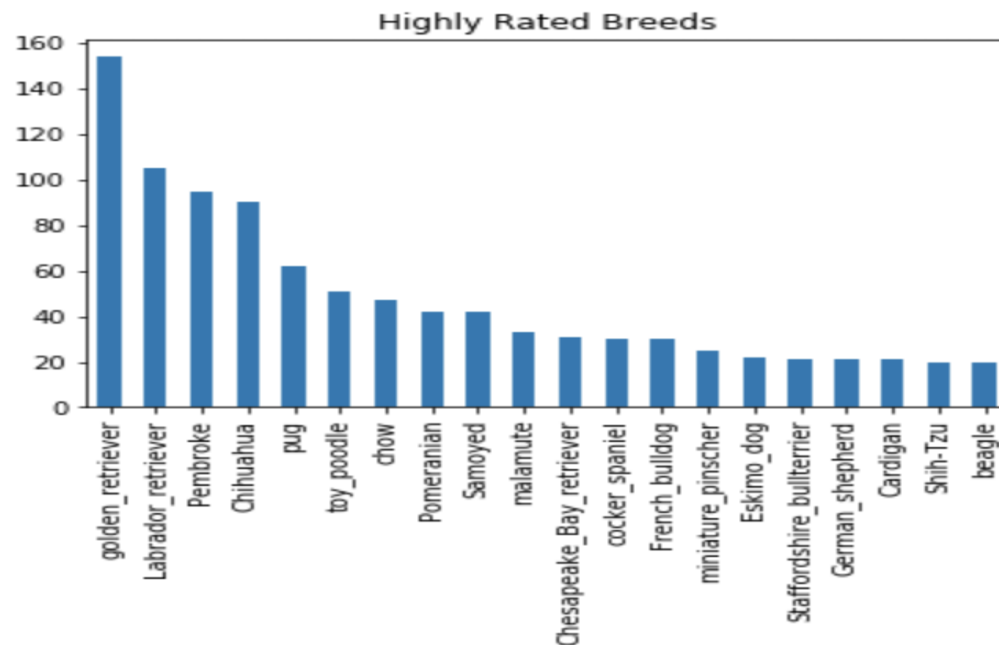**How all the tweets are distributed in dataframe over the period of time**

It clearly shows that the tweets have been substantially decreased over the period of time. We can see fast increase of tweets when the #WeRateDog account just started but after that it is downfall in number of tweets as the time passes.
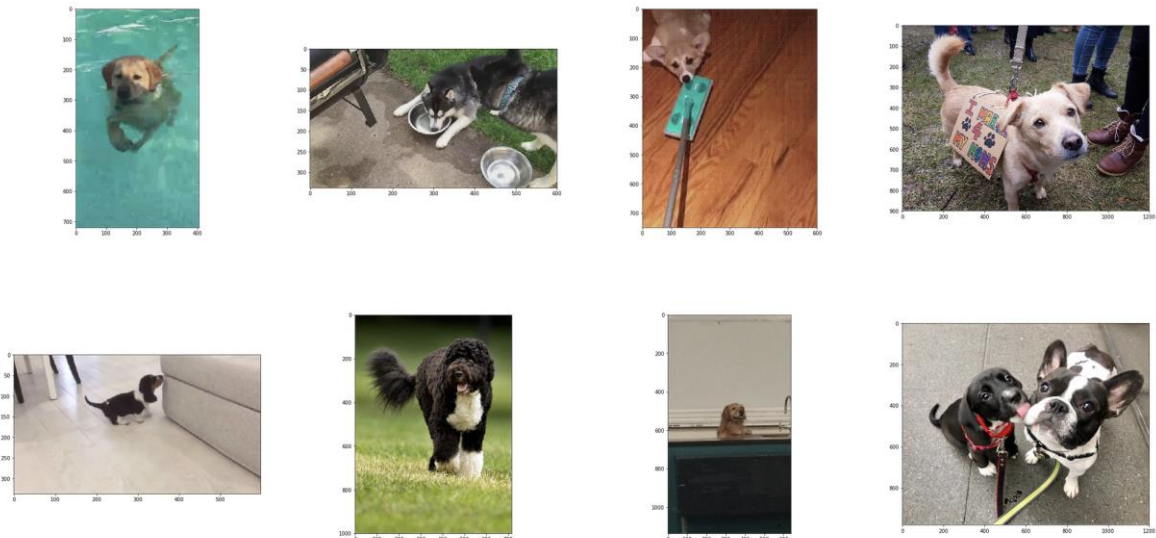
What is the ratio of dog breeds in given data

Clearly shows that golden_retriever is highest in numbers as compared to other breeds.More than half of the data is covered by golden_retriever, Labrador_retriever,Pembroke and Chihuahua.

How much difference are in the ratings of high rated breeds.

Golden retriever is almost 25% more popular than the second runner up Labrador_retriever. May be this breed is more commonly found & more adored in the area from where this data is retrieved,can be many such factors which are responsible for their popularity.

Check top 8 most popular dogs and dog description

Wow! here Labrador retriever breed got the first place in retweets and popularity.