

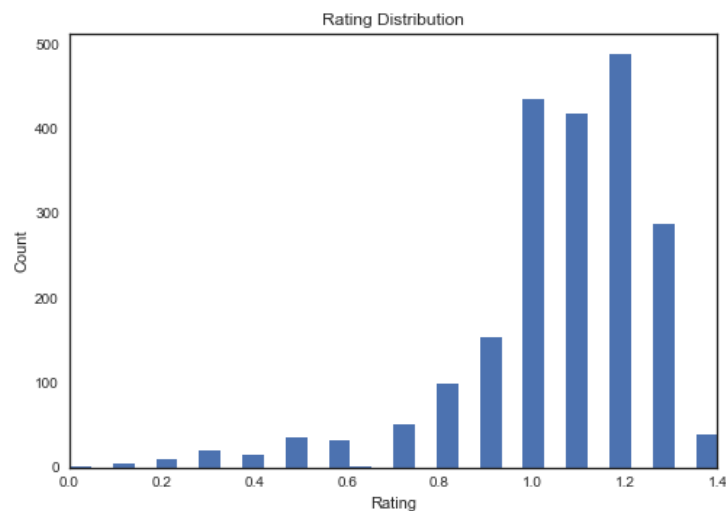
## Act Report

Lanmixue Mao

2 April 2018

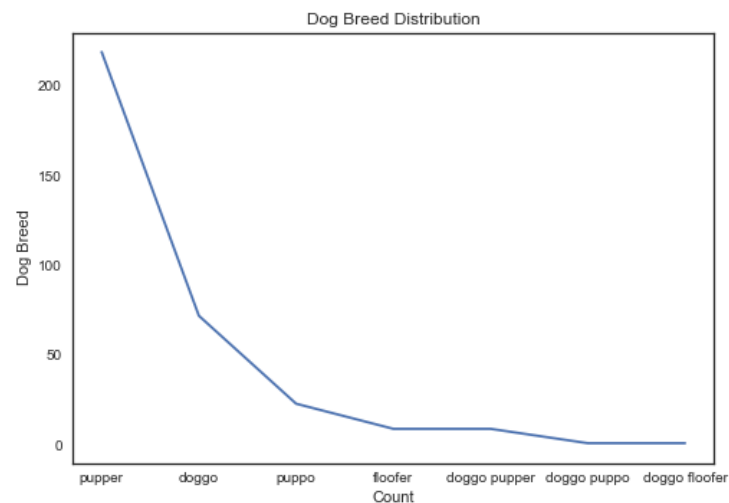
This report communicates the insights and displays the visualizations produced from the wrangled data via four aspects: rating distribution, dog breed, retweet count and favourite count, and top 10 dogs.

### Rating Distribution

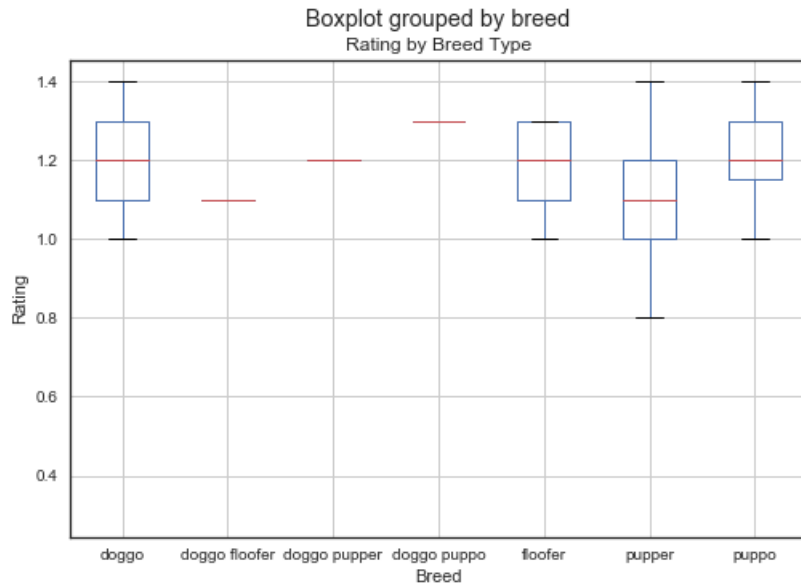


It's interesting to see most people rate the dog above 1.0. The highest number of rating is 1.2 that nearly 500 people rates dog at 1.2. According to the histogram, we find that barely people rate dog under 1.0, and this shows human love dogs very much.

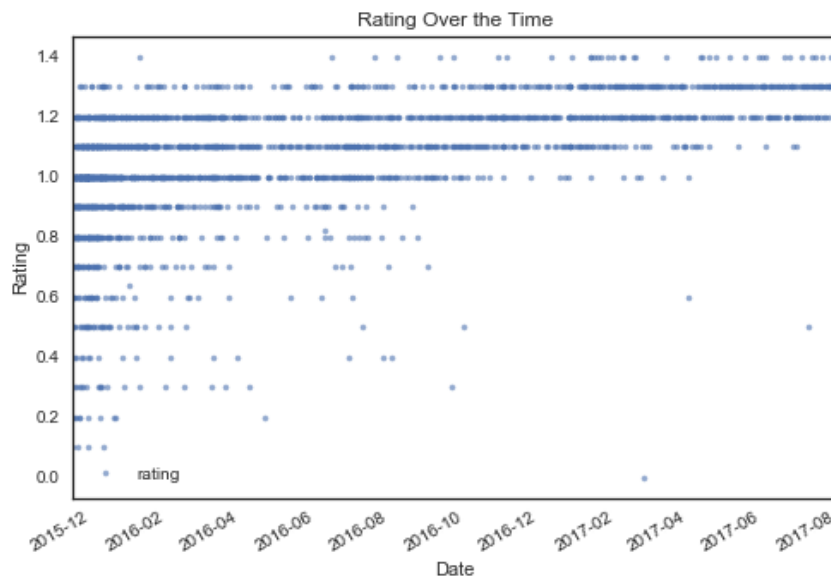
### Dog Breed



Most of tweet dog breed is pupper, then doggo and puppo. Floofer has the smallest amount. However, we find out that still small amount dog is hard to tell the breed which means they have been categorised into two different breeds.

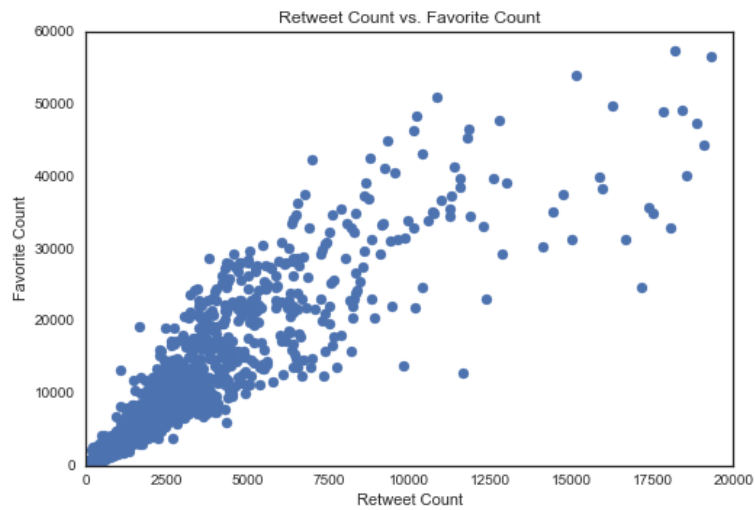


Rating of puppo is generally higher than rest of breed type. Pupper has the rating lower than doggo and floofer.

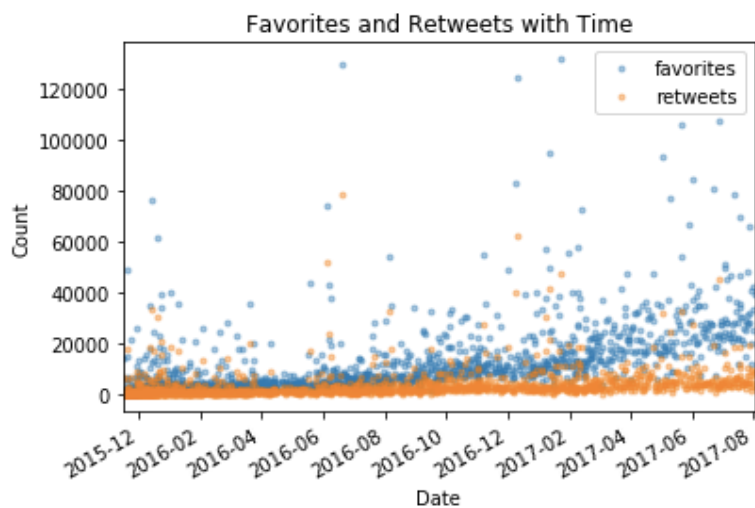


From Dec 2015 to Oct 2016, We still can see people rate the dog below 1.0. However, people seems like they always rate dog above 1.0, and the rating score 1.2 is the most popular score. But has less rating score is 1.4.

## Retweet Count & Favorite Count

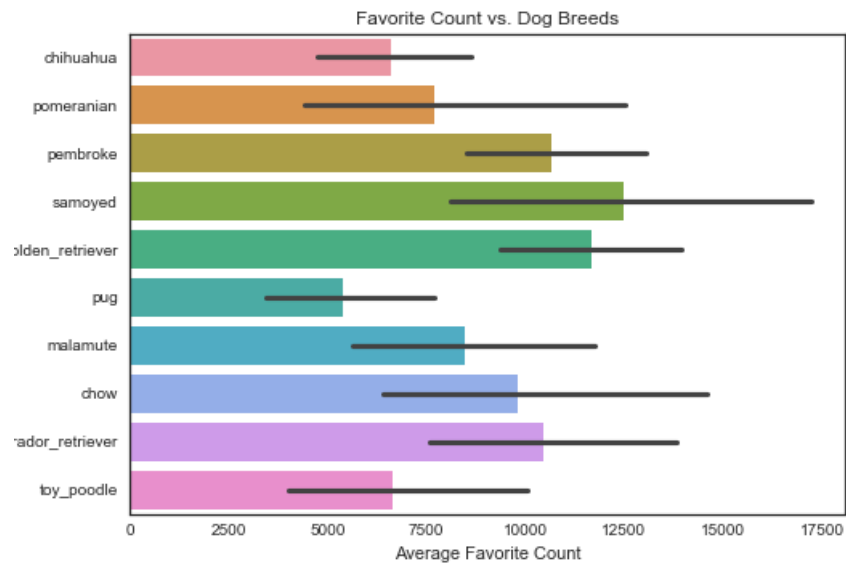


The retweet count and favorite count show linear relationship. Retweet counts below 10,000 and favorite counts below 30,000 show a very strong relationship.

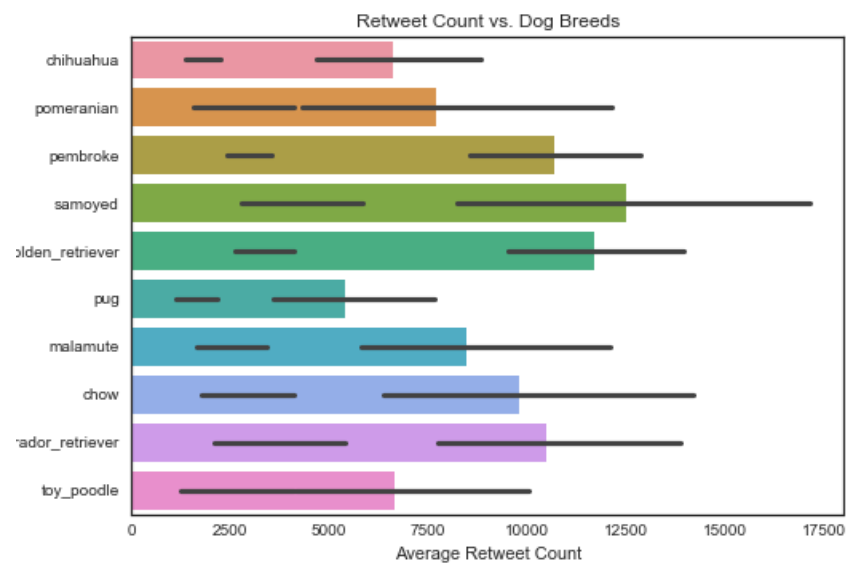


Number of favorite counts increased after 2016. Some even has counts over 100,000. Retweet counts was very stable over the time. Only June 2016 it reached to the peak (nearly 80,000 counts).

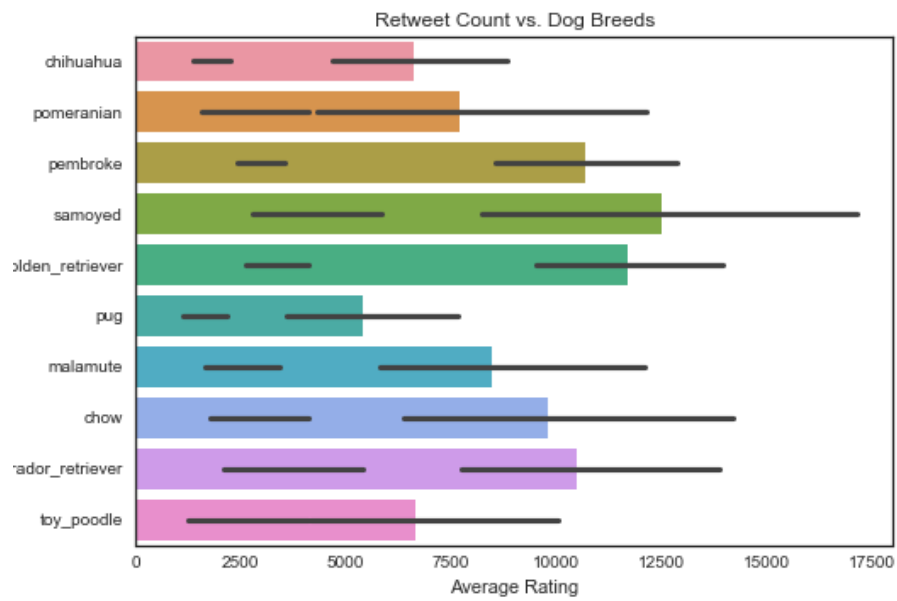
## Top 10 dogs



Samoyed gets the highest average favorite counts among top 10 popular dogs. Pug gets the lowest average favorite counts among top 10 popular dogs.



Samoyed gets the highest average retweet counts among top 10 popular dogs. Pug gets the lowest average retweet counts among top 10 popular dogs.



Average ratings of the top 10 dogs are all over 1.0. Among them, Samoyed can get the highest average rating which is almost 1.2.