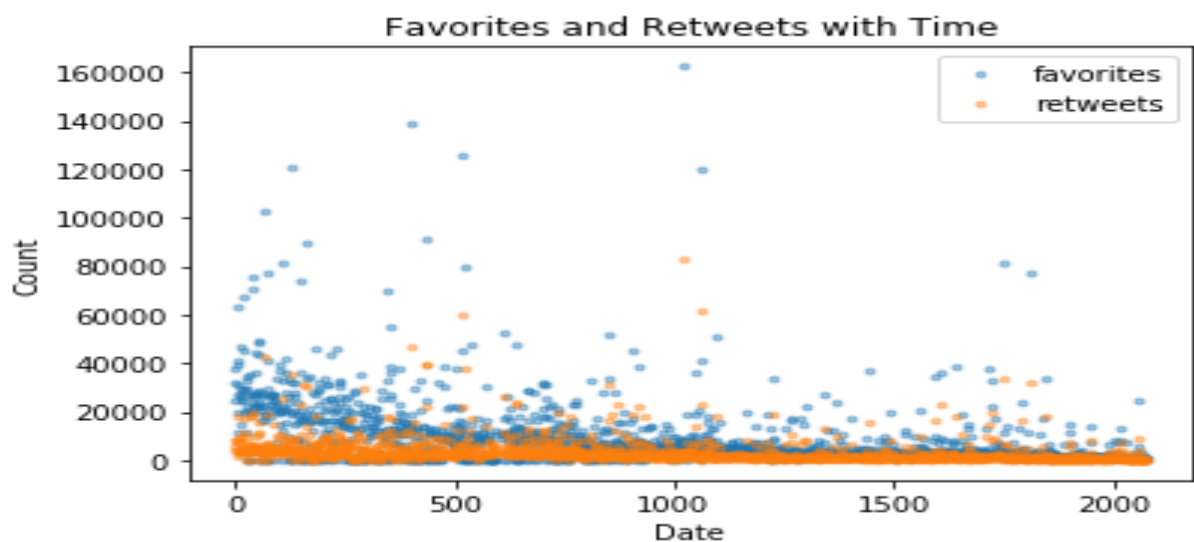# Analyzing and Visualizing WeRateDogs By Tamer Ahmed
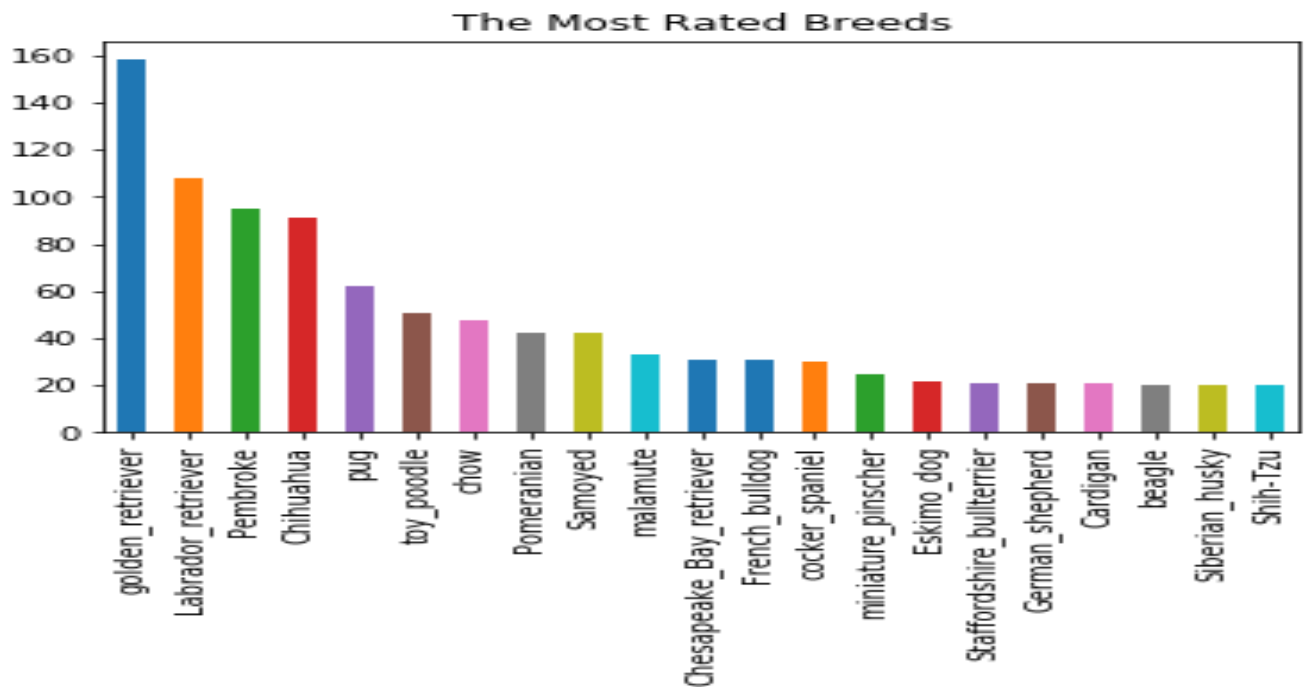
Introduction:

- Have you heard about one of the most famous meme of 2016 "they're good dogs Brent" and the twitter account WeRateDogs? Probably yes, but if not. we can tell a bit about it and better than that I do analysis of WeRateDogs tweets data.
- First, 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 however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10.
- However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that. WeRateDogs has over 6 million followers and has received international media coverage. One of those coverage were about the quote "they're good dogs Brent", this was an exchange in which WeRateDogs shut down a person having an issue with its rating system in humorous ways.
- what is this rating about? What dog type has the highest average rating? These questions and more are answered in the following insights:
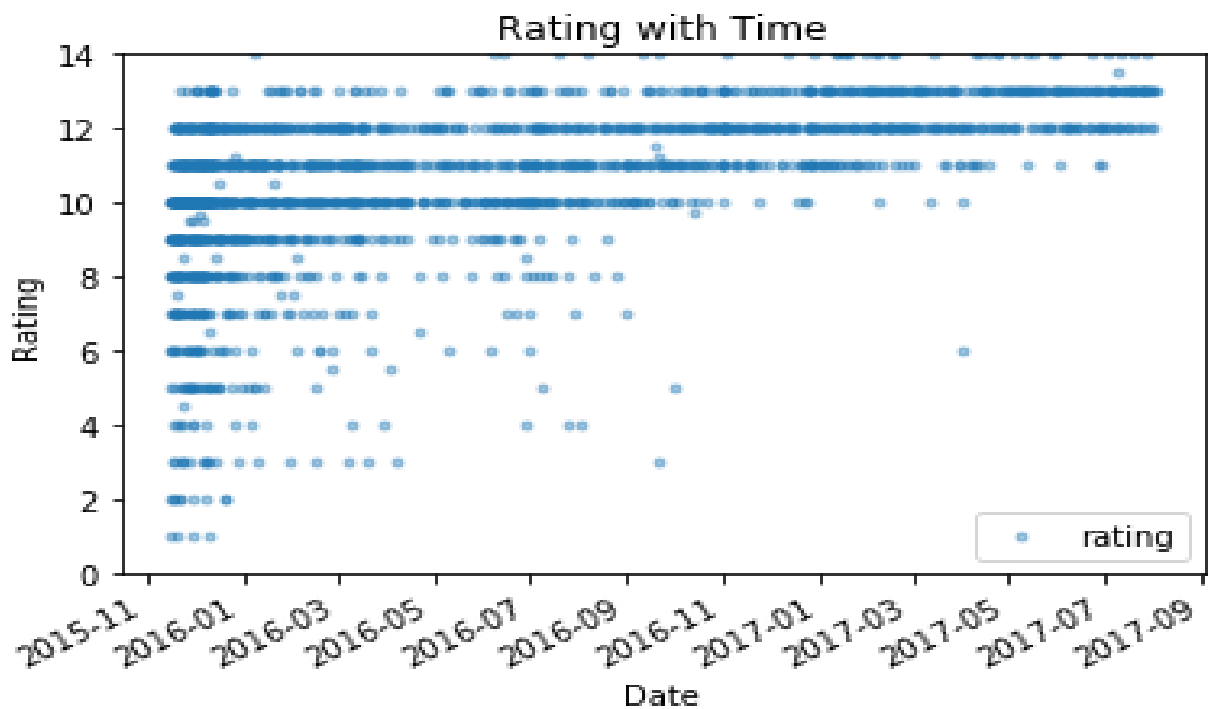
Retweets, Favorites and Ratings Correlation

Most common dog type:

The Most Rated Breeds

- WeRateDogs has over 6000+ tweets, the most rated dog was golden retriever with more than 140 ratings.
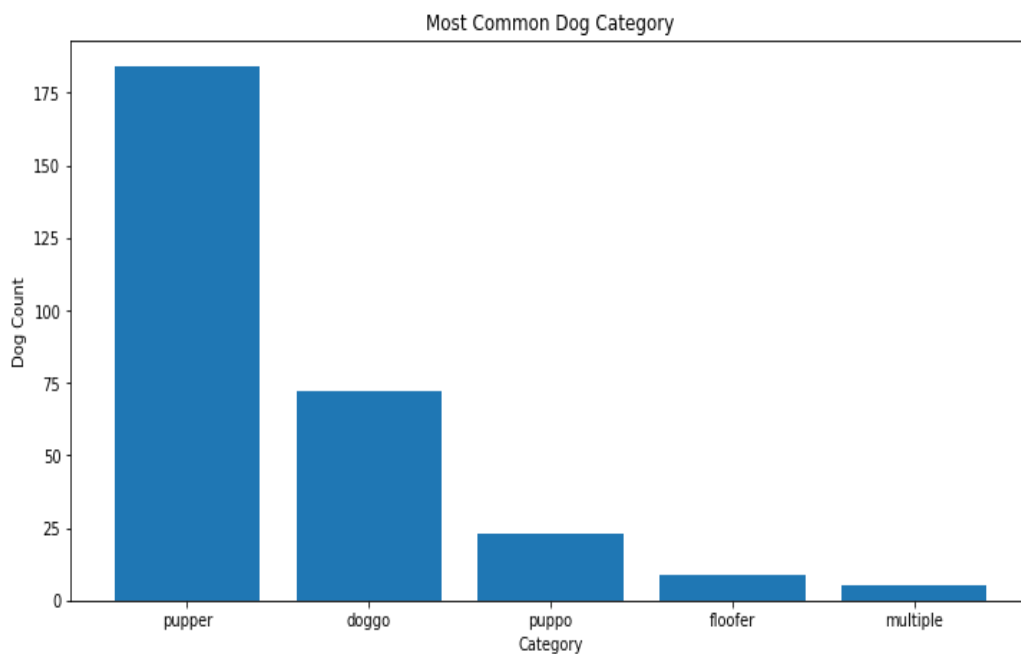

Rating with Time

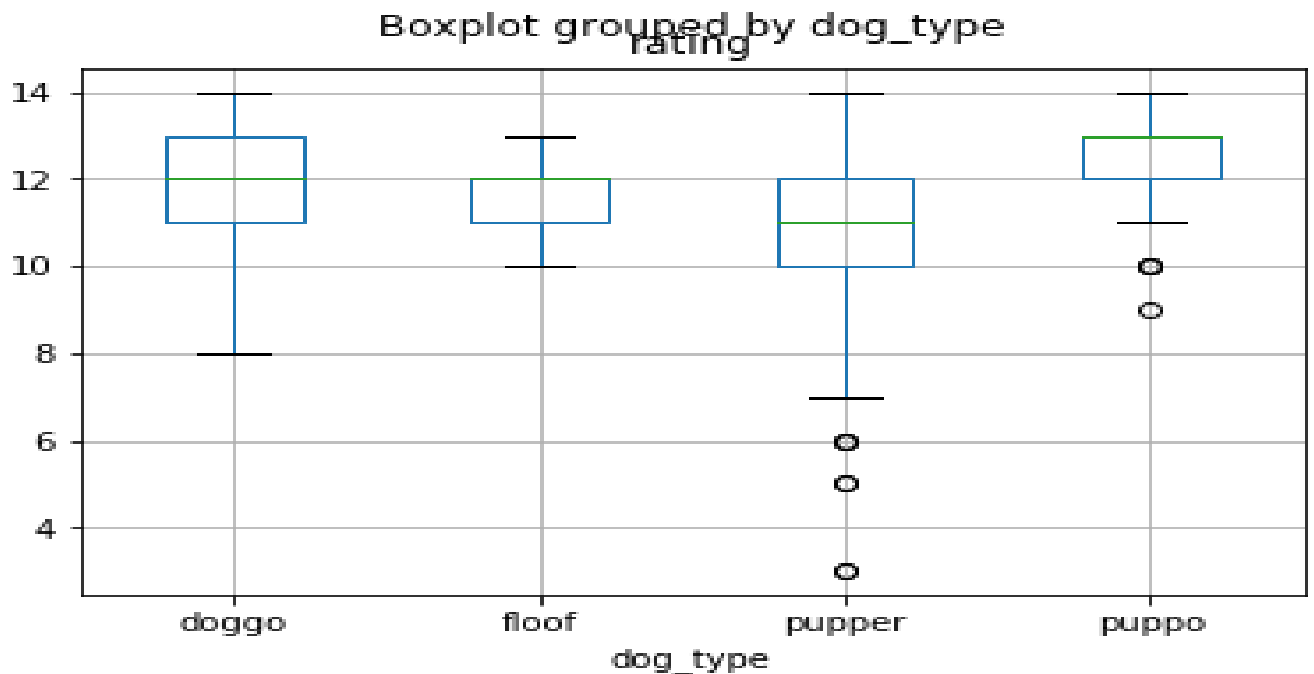Here you can see the gradual increase of both favorites and retweets over time.
So Brant was right, there are more ratings above 10. Still don't know the reason why there are so much high ratings.

So let's see if dogs with higher ratings were getting more favorites and retweets. According to me, if the dogs are getting better they should be getting more favorites and retweets along with the higher rating. There is a strong correlation between favorites and retweets. This means that if the tweet is good in general then there will be more retweets and favorites.

Yet there is no correlation between rating and retweets or rating and favorites. It can be because the dogs are not actually getting better. It can be that 'lower quality' dogs are given funnier captions. In this case, it is the caption that is getting more retweets and favorites, rather than the dog itself.

What is Most type of dogs ?

Boxplot grouped by dog_type

- puppers are getting much lower rates than the other dog types. They have several low outliers which decrease the mean to 10.6.
- Floofers are consistently rated above 10. I don't know whether they are really good or the rating just gets higher with time. Maybe we can see if 'floof' is a newer term.
- we can say that floofer are consistently good dogs.