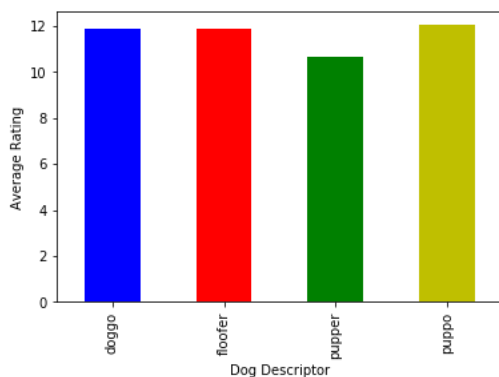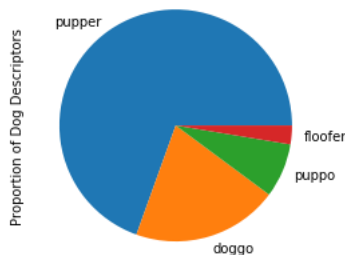## Introduction

In my analysis of the WeRateDogs twitter account, I wanted to see what 'type' of dogs are the most popular. We love to use fun names to describe our pets nowadays, so what I mean by 'type' is one of the following: doggo, floofer, pupper, or puppo. These are the four descriptors the WeRateDogs account uses to differentiate in between dogs in a fun way. While we don't know the exact science behind how WeRateDogs employs these different terms, we'll assume for the sake of this analysis, that they have their ways of doing so. This first visualization explores the dog types and their average ratings.
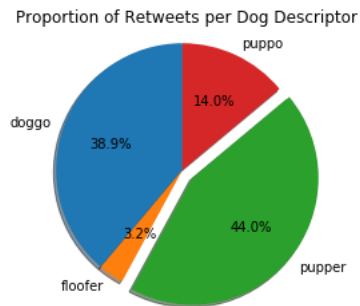
1.

As can be seen here, they are all fairly even with one exception. The puppers have a lower average rating than the rest of the dog types. Puppo has a very slight advantage over the rest of the types with a higher average rating. From this bar chart, we can see that puppos, on average, receive the highest ratings, while puppers receive the lowest.
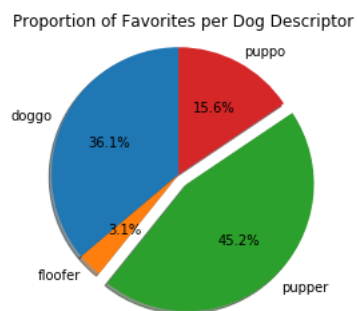
2.

Surprisingly, although puppers have the lowest rating among the four types, puppers is still the most used descriptor on the WeRateDogs page. Their lower rating could be due to the large sample size of puppers and the possible greater variance in ratings as a result.

3.

Proportion of Retweets per Dog Descriptor

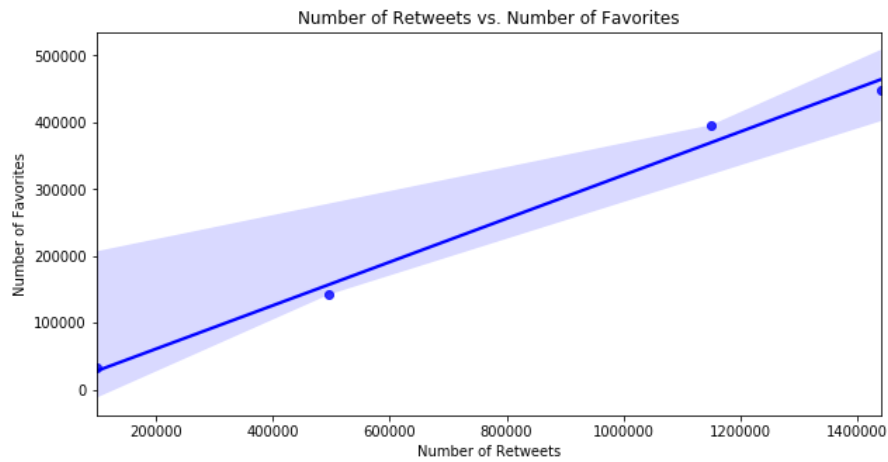puppo 14.0%
doggo 38.9%
floofer 3.2%
pupper 44.0%

As we can see here, puppers, although they have the lowest average rating they do make up for it with the greatest proportion of retweets among the four types, which should come as no surprise, since they are the most popular dog type on the WeRateDogs page.

4.

Proportion of Favorites per Dog Descriptor

puppo 15.6%
doggo 36.1%
floofer 3.1%
pupper 45.2%

Very much, like the reweets, the number of favorites also favors the puppers, as one could have assumed.

5.

Number of Retweets vs. Number of Favorites
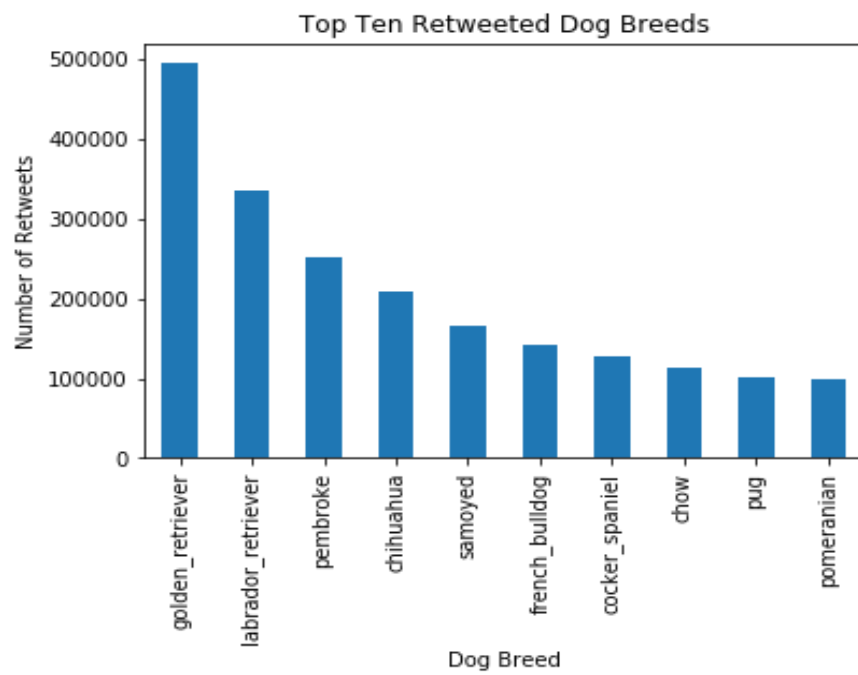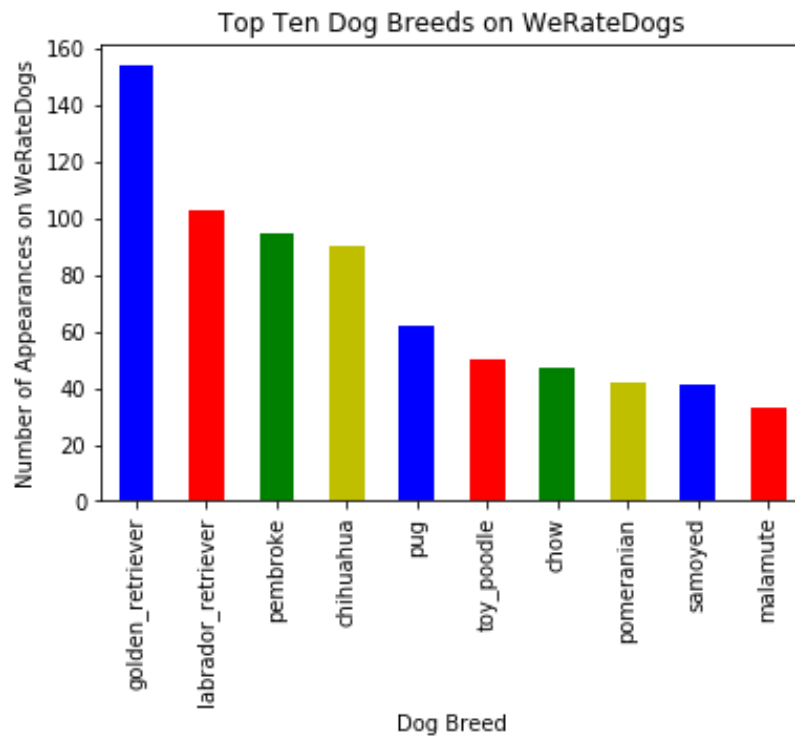
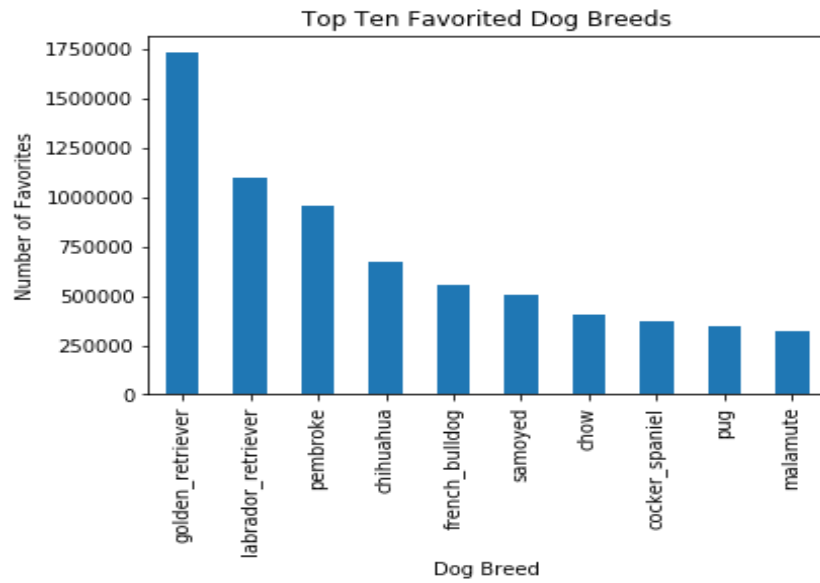|	count_of_dog_descriptors	number_of_retweets	number_of_favorites
0	62	396064	1150205
1	8	32770	98426
2	212	448220	1440134
3	23	142337	496717

The number of retweets and favorites are heavily correlated, as can be seen here. People also, of course, favorite posts more than they retweet them.

6.

The number of times a certain dog type is used is also, as one could guess, heavily correlated with the number of retweets and number of favorites, 0.8129301875342814 and 0.8544947755523944 respectively.

7.

Top Ten Dog Breeds on WeRateDogs

Dog Breed

Top Ten Retweeted Dog Breeds

Dog Breed

Top Ten Favorited Dog Breeds

The above bar charts show the top 10 dog breeds as they appear on WeRateDogs, as well as the top ten favorited and retweeted breeds. Golden Retrievers come out on top in all three.

8.

Top 10 Retweets		Top 10 Favorites	
dog_breed		**dog_breed**	
golden_retriever	494800	golden_retriever	1731527
labrador_retriever	336417	labrador_retriever	1100112
pembroke	253028	pembroke	953437
chihuahua	209831	chihuahua	671264
samoyed	166472	french_bulldog	553316
french_bulldog	141175	samoyed	507419
cocker_spaniel	127114	chow	407830
chow	113796	cocker_spaniel	371970
pug	101167	pug	343529
pomeranian	98163	malamute	321288

While Golden Retrievers are consistently on top, there is some movements in the ranks of the most favorited and retweeted breeds within the top 10.

9.

I also wanted to take a glimpse at the most popular dog names seen on the WeRateDogs account. To do this, I created a word cloud of the most popular names, in which the more frequent the name appears, the larger it appears in the word cloud

10.

Here's a doggo realizing you can stand in a pool. 13/10 enlightened af (vid by Tina Conrad) pic.twitter.com/7wE9LTEXC4
— WeRateDogs® (@dog_rates) June 18, 2016

Although this doggo 'only' received a rating of 13 as opposed to the highest rating in this dataframe, 14, this doggo is certainly the people's champion with the most retweets and favorites!