

Wrangle & Analyze WeRateDogs Data

Analysis and Insights

The dataset analyzed here 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. 11/10, 12/10, 13/10, etc. Why? Because "[they're good dogs Brent](#)." WeRateDogs has over 4 million followers and has received international media coverage.



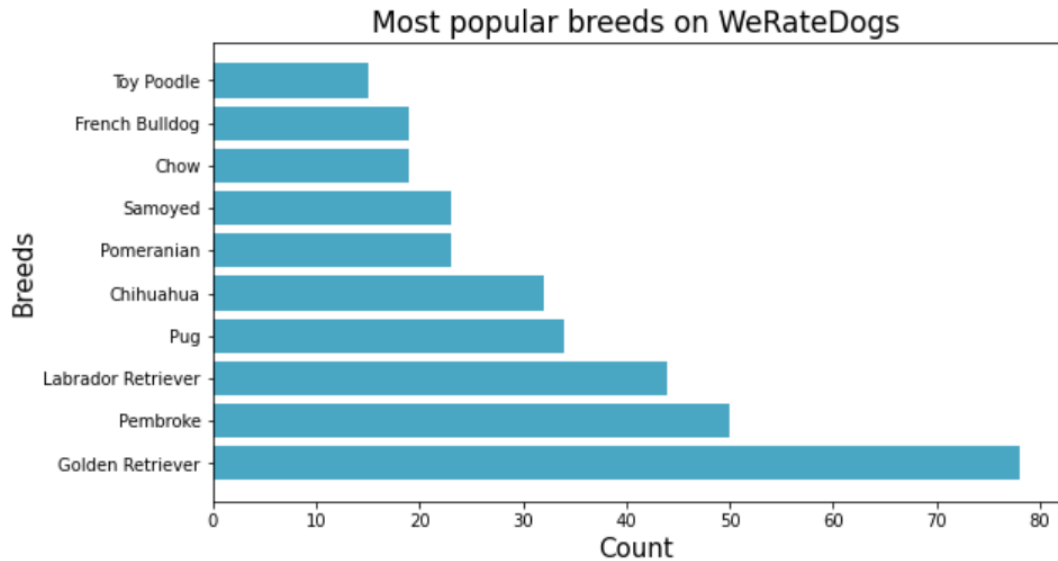
Source: WeRateDogs Twitter

With dogs, the best common question has to be which is the most popular dog breed? Also, if we can find any relationship between Retweets, Favorites which will lead us to find the account popularity over time?

Interestingly, I have analyzed the data to get answers to these questions.

Most Popular Dog Breeds

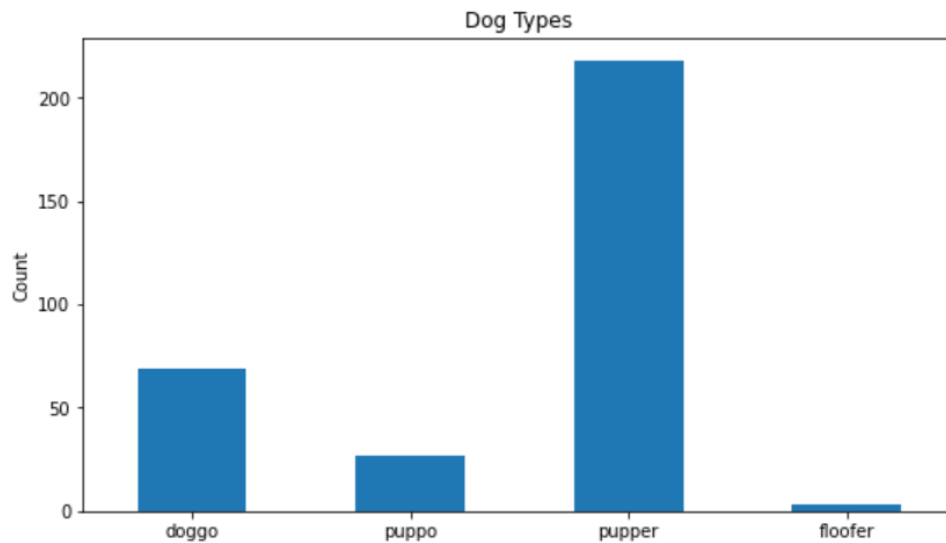
Analyzing the dataset based on the first predictions and with a confidence of more than 70% gave me the *top 10 most popular dog breeds*.



Golden Retriever is the most popular pet dog according to the predictions. It is followed by Pembroke and the Labrador. So, it is a mix of small and big dogs!

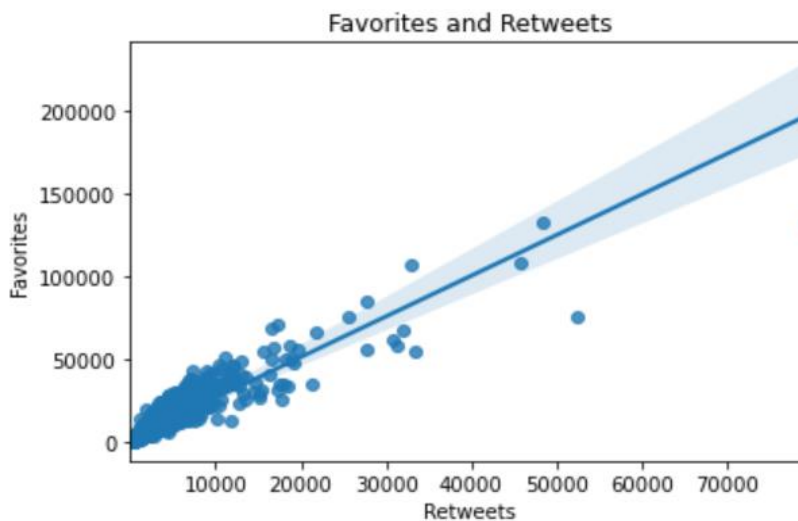
Top Stages

WeRateDogs classifies dogs into one of the four stages- doggo,pupper,puppo and floofer. So, looking at the top dog stages , Puppies surely rule! Pupper is followed by doggo,whereas floofer is very rare.



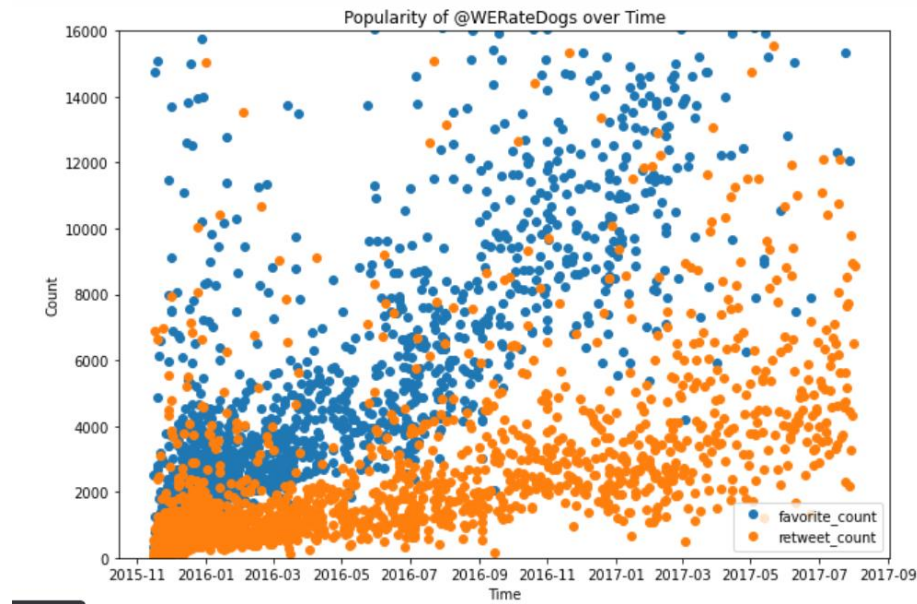
Retweets and Favorites

I tried to analyze if there is any relationship between the Retweets and the favorites of a Tweet by using a scatter plot.



So, we can observe here that both the Retweets and Favorites go in sync together and are highly positively correlated. It is reasonable that more retweets reach a wider audience hence more favorites.

How did the retweet count and favorite count improve over time?



Initially, the favorite counts and the retweet counts are at a similar level. But as the 2016 and 2017 progress, the number of tweets per time decrease (low number of blue and orange dots), but then the number of the favorite counts and retweet counts increases.