

# WERATEDOGS Twitter Archive: Act Report

The **WeRateDogs Twitter** 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 normal cases, the rates should be 1 to 10, but it isn't the case, because they evaluate that "they're good dogs Brent."

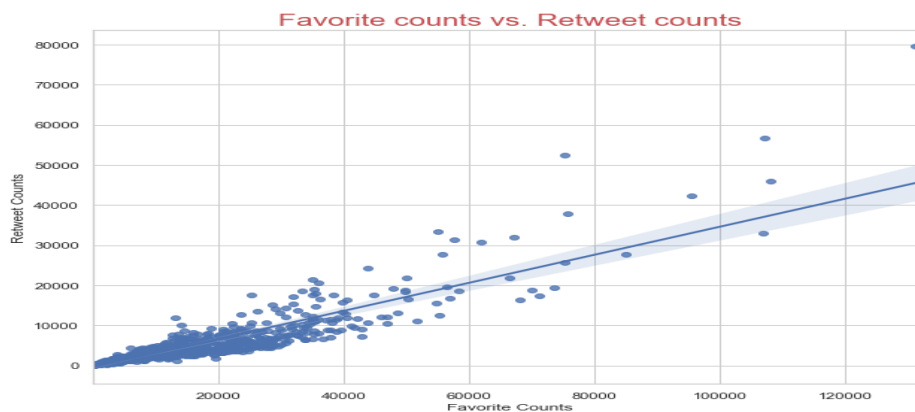
The aim of this work is to analyze determining factors affecting the dogs ranking. This work also tries to find answers to the questions below:

- What is the relationship between favorite counts and retweet counts?
- What are the most popular dog breeds?
- What is the top 5 dog breeds by average rating?
- What is top 5 dog breeds by aggregate favorite counts?

I will try to answer to these questions in the following insights.

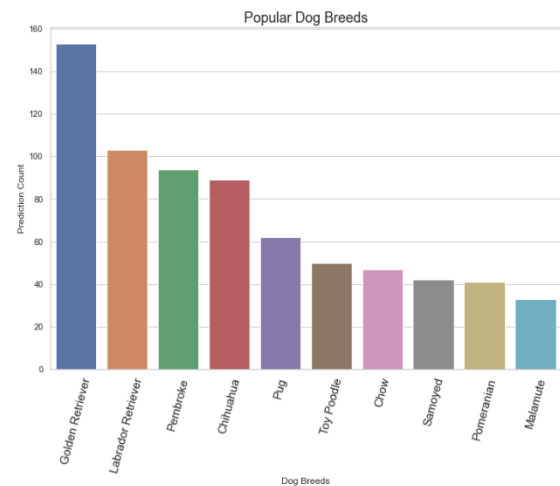
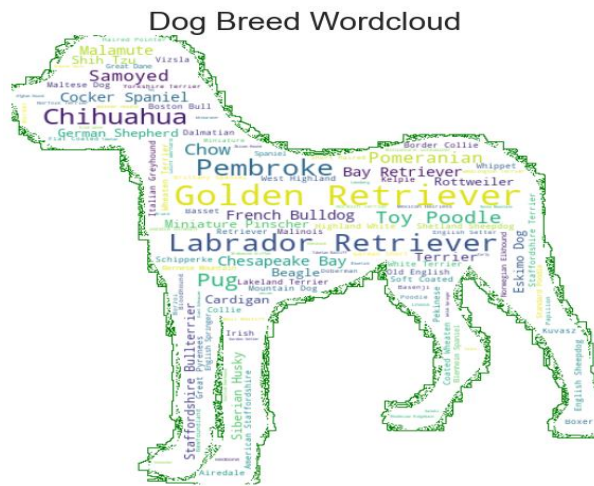
## ***Strong Relationship Between favorite counts and retweet counts...***

The correlation has been used to test statistical relationships between favorite counts and retweet counts (see the figure below). The coefficient is 0.91 so that we can conclude that there is a very high and a positive relationship between the two variables. In other words, if a tweet has a high favourite count(likes), it could imply also a high retweet count.



## ***Most popular dog breeds...***

According to the neural network, the Golden Retriever is the most popular dog breed. Labrador Retrievers, Pembroke and Chihuahuas are fairly close to each other, they are in the second, the third, and the fourth place respectively.



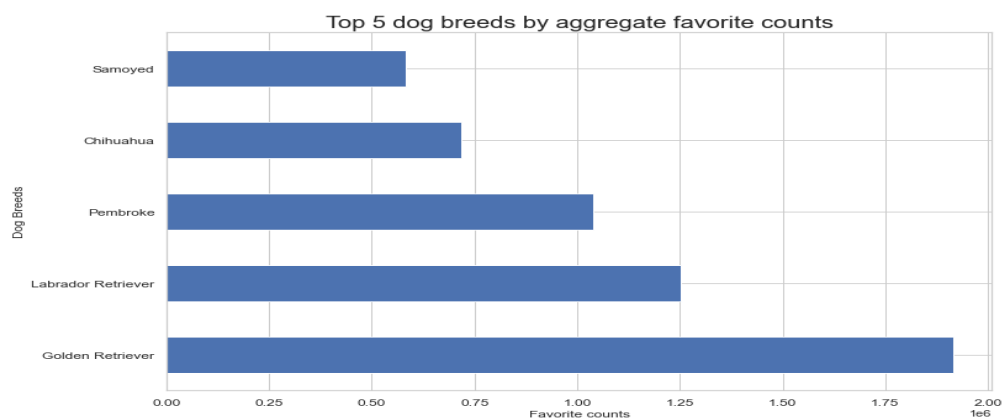
.... So the Golden retriever won the first place!

Top 3 most Popular dog breed "Golden Retriever" by favorite counts



Top 5 dog breeds by aggregate favorite counts

According to favorite counts, I found the same result. The Golden retriever is the most liked, Labrador Retriever is in the second place and Pembroke in the third place. Then we find, Chihuahua and Samoyed.



## *Top 5 dog breeds by average rating*

The top 5 here has changed...

According to rating, I found that the top 5 dog breeds are: Bouvier Des Flandres, Saluki, Briard, Tibetan Mastiff, Border Terrier.

