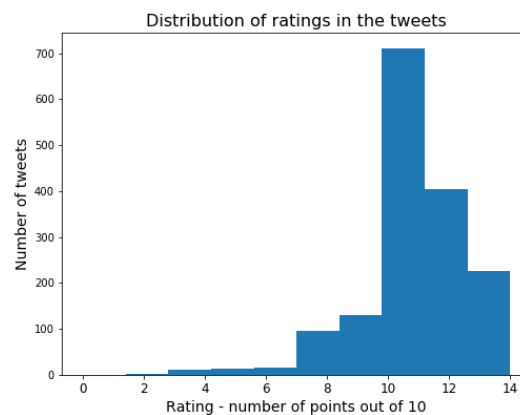


## WeRateDogs Twitter Data Insights

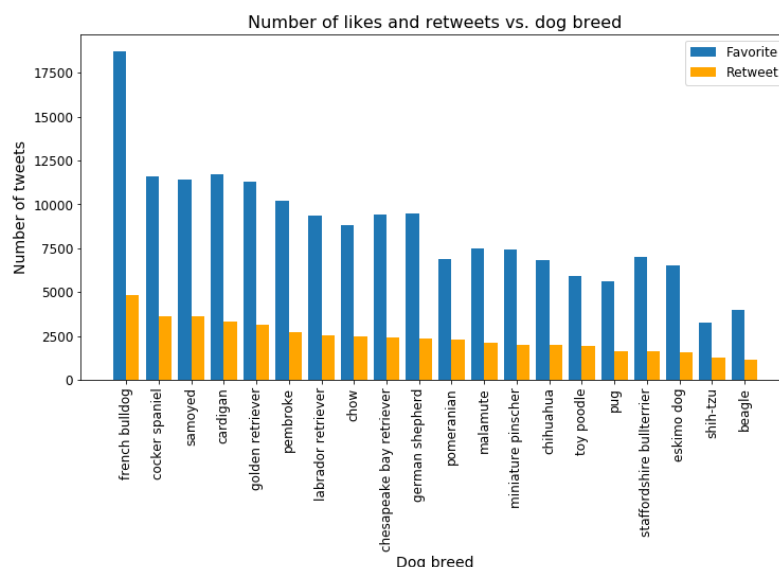
WeRateDogs, a Twitter account rating other people's dogs with a humorous comment about a dog, contains thousands of tweets related to various kinds of dogs. While the Twitter archive includes tons of useful information, it does not include features such as the number of likes and the number of retweets, which may offer interesting insights and reveal trends. Combined with the predictions of the dog breeds from the neural network model utilizing images, it can provide answers to various questions.

I was curious what dog breeds are the most rated (that is, the most common) and the best rated ones in the Twitter community. While the most common dogs are golden retrievers, Labrador retrievers, Pembroke, chihuahuas and pugs, the best rated ones are breeds called saluki, Briard, border terrier, standard schnauzer and Tibetan mastiff, which is not so surprising at all – it's likely that a cute exotic dog receives a higher rating. The dog breeds with the highest average ratings are not the most common ones. For information, WeRateDogs has a special rating system and ratings like 12/10 are quite standard:



*The most common ratings (ratings with maximum points other than 10, such as 140/100, ignored)*

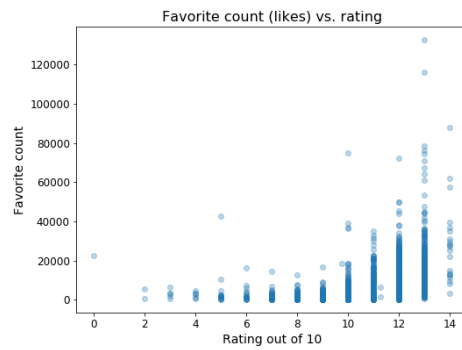
I also wanted to know which tweets are the most retweeted and liked when it comes to the dog breed. Here, I looked only at the top 20 most common breeds – the result is shown in the picture below:



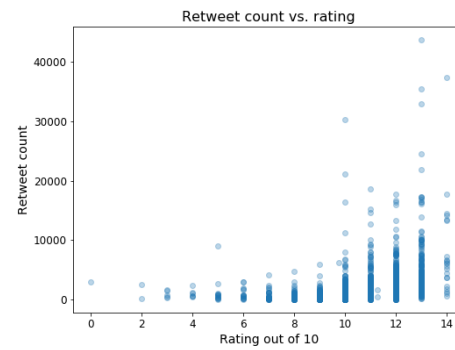
*The most liked and retweeted dogs (common breeds on WeRateDogs)*

French bulldogs, cocker spaniels and Samoyeds belong to dogs, that get on average the highest numbers of retweets and likes.

Finally, it is interesting to know whether the tweets with higher ratings are retweeted and liked more often than the tweets with worse ratings. Quick exploration of the charts below reveals that highly rated tweets tend to be retweeted and liked more often. On the other hand, the worse rated dog tweet can be more popular than the better rated one.



*Likes vs. rating*



*Retweets vs. rating*

## Resources:

WeRateDogs Wiki page: <https://en.wikipedia.org/wiki/WeRateDogs>