

An Analysis of Dogs Ratings

The twitter account @dog_rates AKA WeRateDogs frequently posts pictures of dogs and rating these dogs, but this rating is very different than any other rating system you've seen. the rating always have a denominator of 10 but the numerators is mostly greater than 10!

I wanted to take a closet look at this account and the rating of dogs and how people react with the dogs photos. And do some analysis and see If there are any insights or interesting facts that can be uncovered.

Dataset:

The data set I will work on and analyze was collected from three different sources.

The twitter_archive_enhanced.csv which is an archive of the tweets posted by @dog_rates.

image_predictions.tsv which contains predictions of the dogs that were generated by using a Neural Network to identify the dog's breed from the various pictures posted by @dog_rates.

and finally, a data set that was gathered using the Twitter API to collect information on posts such as number of retweets or favorites.

Insights

Here are some of the insights that I've found

1. The most retweeted (56625 retweets) tweet is of a dog called Stephan, the dog's breed is Chihuahua with 50% confidence, and a rating of 1.3 ~ 130%.
2. The most favorited (107956 favorites) tweet belongs to Duddles with 39% confidence of being English Springer.
3. Atticus is the highest rated dog with a whopping 177.6 ~ 17760% rating, with 2772 and 5569 retweets and favorites respectively.
4. Crystal is the lowest rated dog with 75% confidence of being Maltese dog

Visualizations

I wanted to see relationship of retweets and favorites of posts posted by the @dog_rates account.

Here is a scatter plot between these two variables.
As expected, their relationship is positive and strong!

