Act Report

Introduction:

WeRateDogs is a twitter account spiciziled in rating dogs with a unique rating system. It has gained popularity out of the many dog lovers throughout the world.@dog_rates WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. In this article I will talk about some short interesting insights gathered from the data of the twitter account.

Insight #1 Rating vs Retweet Relation:

You might wonder about the accuracy rating of the account! One way to measure accuracy of the rating is to compare ratings of the dogs to their retweet count, dogs with higher rating should receive more retweets right? Since the account is so experienced in ratings dogs, it should know dogs that should receive high ratings! From the data gathered I present a graph for the reader to see and compare with their thoughts.
Infact dogs with higher rating get higher retweet counts on average! With dogs rated 14/10 getting more than 800 tweets on average compared to dogs getting a rating of 10/10 getting less than 200 retweets on average, from Figure1.
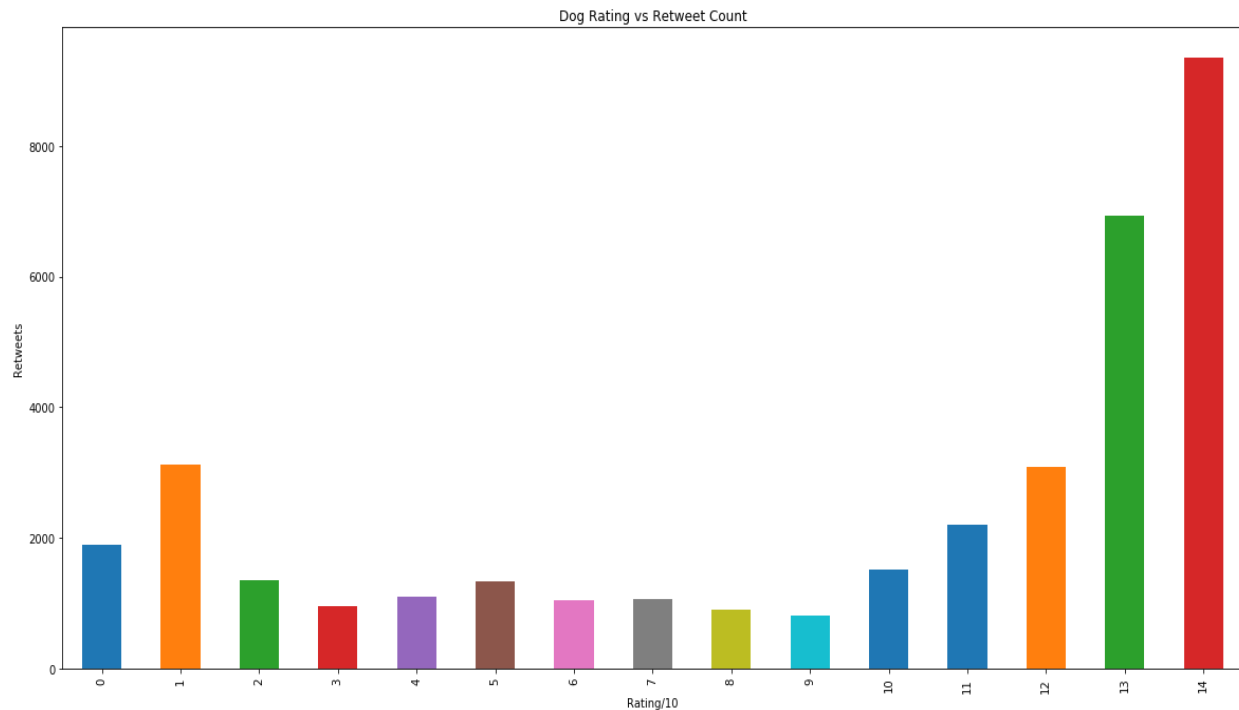
Figure 1: Dog Rating vs Retweet Count

Insight #2 Dog Stage and Retweets:

According to the "Dogitionary" of *#WeRateDogs book* There are four dog stages that a dog could have: Doggo,Pupper,Puppo, Floof. I will leave the definition of the dog stage to the interested readers.

Not all tweets include the dog stage of the dog posted, but you might wonder if the inclusion of a dog stage gains more retweets?

As seen in Figure 2 The dog stage Doggo has on average more retweets than any other Dog Stage with more than 7000 retweets! Things to note is that the tweets that have a dog stage in general gain more retweets on average when compared to tweets that don't have dog stage, expect for the dogstage pupper, Which has around the same number of retweets on average as the tweets that don't have a dog stage.
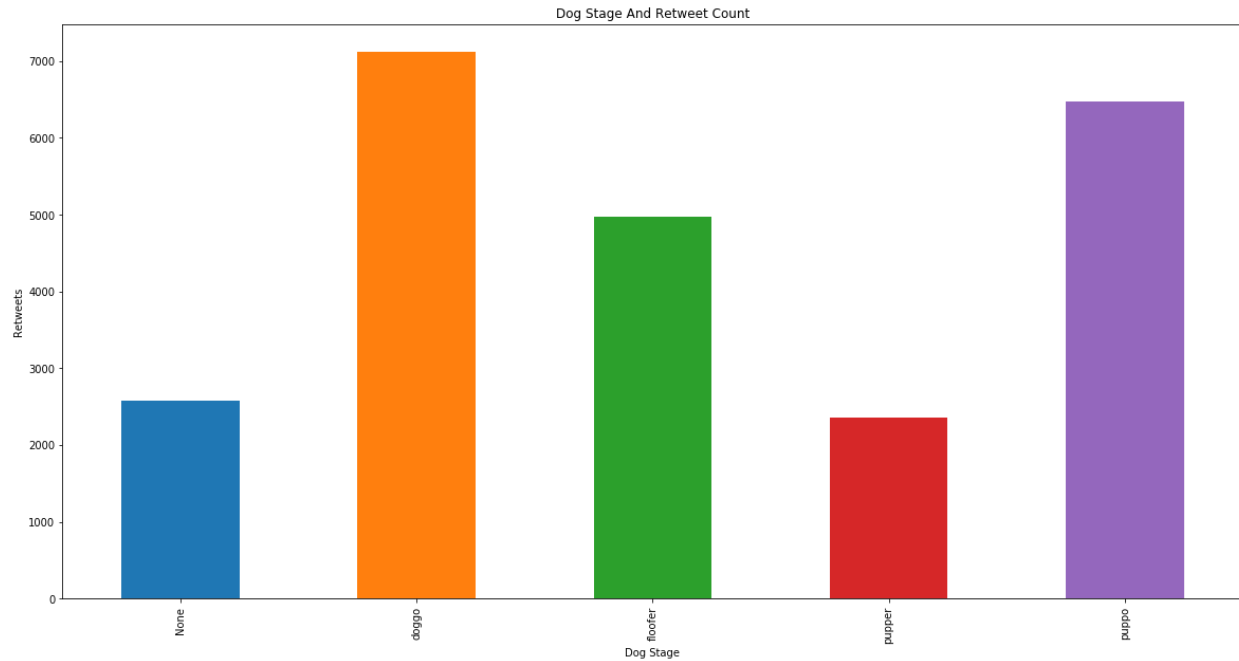
Figure 2: Dog Rating vs Retweet Count

Insight #3 Most Frequent Dog Breeds:

A question that could come in mind is What are the most frequent dog breeds posted? A neural network algorithm was run on the images posted on the account WeRateDogs that classify the dogs in the images to their respective dog breed. I have used this algorithm to sort the dogs based on dog breeds and see the frequency of the dogs in the account. The order of the top three most frequent dog (Seen from figure 3) breeds in order is as follows: Golden Retriever, Pembroke, and the labrador retriever.
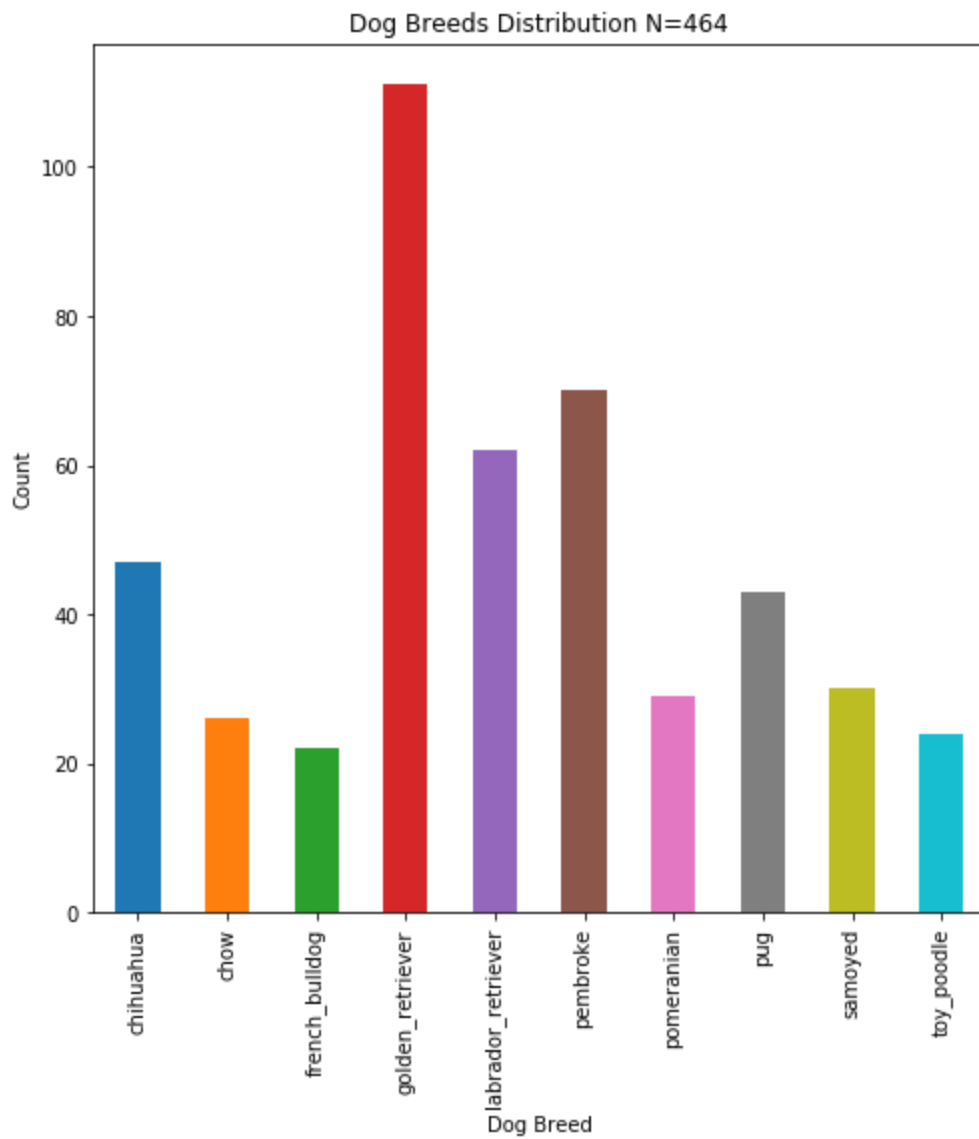
Figure 3: Top 10 frequent Dog breeds distribution