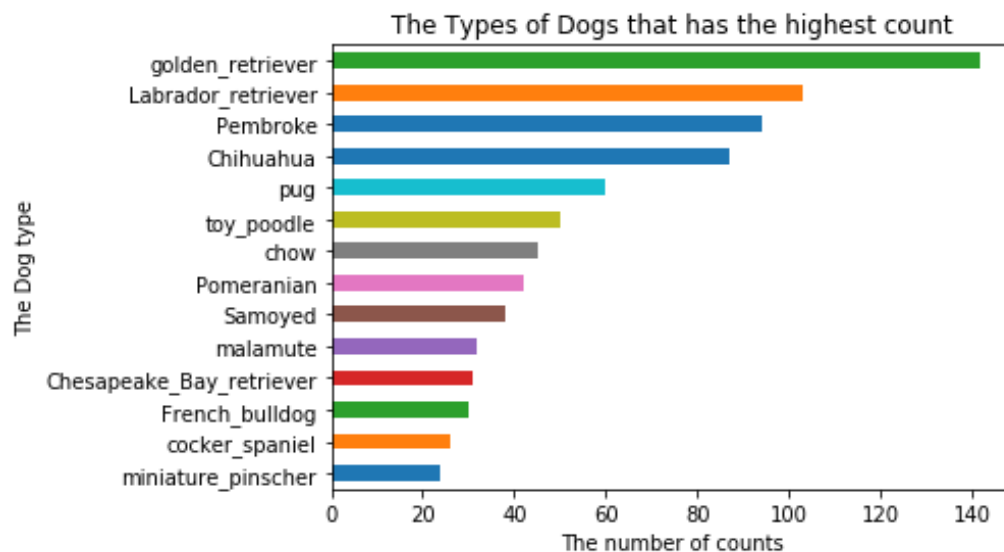*Analyzing and Visualizing WeRateDogs*

By LOKKAN CHENG

Introduction

Have you ever heard of the WeRateDogs, which is the tweet archive of Twitter user @dog_rates? WeRateDogs is a Twitter account that rates people's dog with a humorous comment about the dog? The WeRateDogs has over 4 million follows and has received international media coverage. Their ratings almost always have a denominator of 10, and the numerators are almost always greater than 10.11/10, 12/10 , 13/10 and so. The reason of that is because "they are good dogs Brent".

Here in this report I will show you some interesting analysis of this dataset, such as which type of dogs has the highest count, the relationship between the retweet counts v.s rating and the average rating of dog type along with the number of ratings of different dog type.
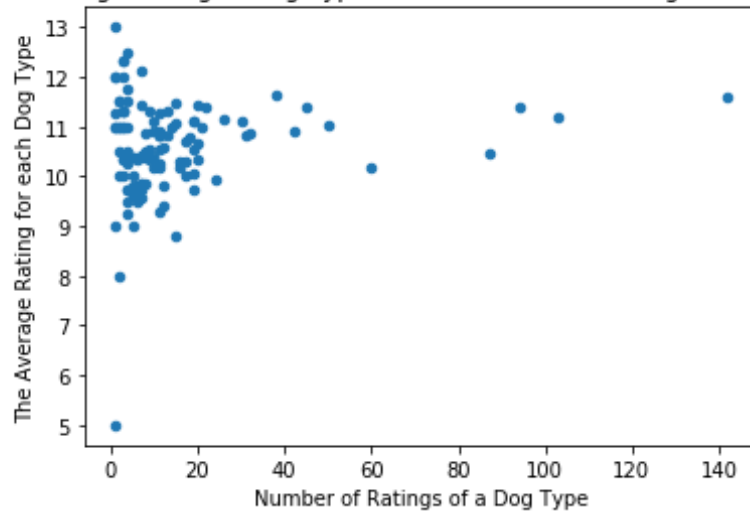
Based on the analysis, the types of dogs that has the highest count in the dataset is golden retriever which has more than 140 counts.

In addition, almost all the dog types have a rating above 10. But the Japanese spaniel , the Afghan hound and the soft coated wheaten terrier are the only three types of dogs that have the rating below 9. The Japanese spaniel has the lowest rating which is 5, and the Afghan hound and the soft coated wheaten terrier both have rating of 8.

As for the average rating of dog type by the number of ratings of a dog type, we can see that the average rating are 11.59 which represents the goldern retriever. The golden retriever also is the pupluar dog types among the other dog types.

The Average Rating of Dog Type v.s the Number of Ratings of a Dog Type

Based on this scatter plot, we see that there is not much relationship between the retweets and the rating. A lot of tweets have been retweeted more than 1000 times as we can see them on the far left in this scatter plot.

Retweet Counts v.s Ratings