

## Analysis of the WeRateDogs (@WeRateDogs)

### Introduction

Wondering how dogs are been rated and why some seem to rank top above others? With this analysis we hope to share insightful visuals of the how and why to satisfy your curiosity. We will be using the WeRateDogs dataset from the @dog\_rates from twitter to help you understand this better.

The dataset contains over 5000+ tweets about weRateDog as at August 1, 2017, for the sake of availability of data we will stop at that for now. This twitter handle has over 4million follower and have received international media coverage hence the data is sort sampled correctly. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because **"they're good dogs Brent."** This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017.

Some of the questions we seek to answer are which breed of dogs have the highest rating and some reasons why we feel they do have that rating?

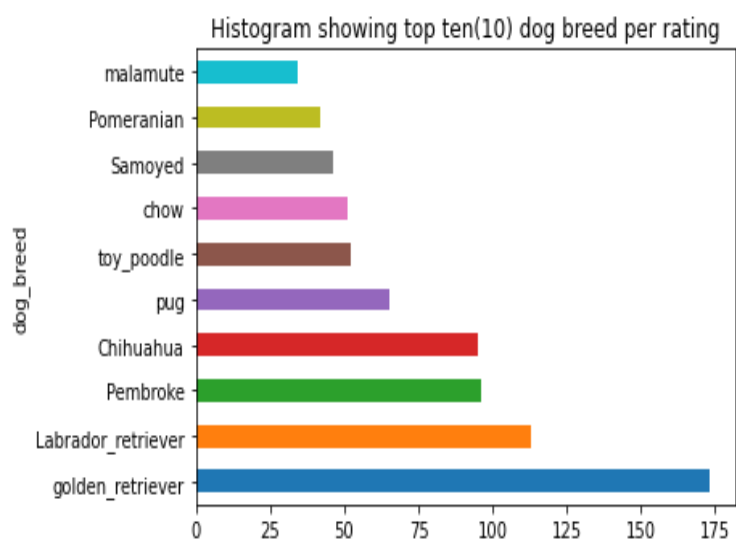
### REPORTS

After cleaning we discovered some good insights which include:

A picture of a randomly selected dog breed with the highest rating. We could see this also that the picture shows a celar image of a dog well snaped with beautiful flower on the head. This may have contributed to it been ranked top.

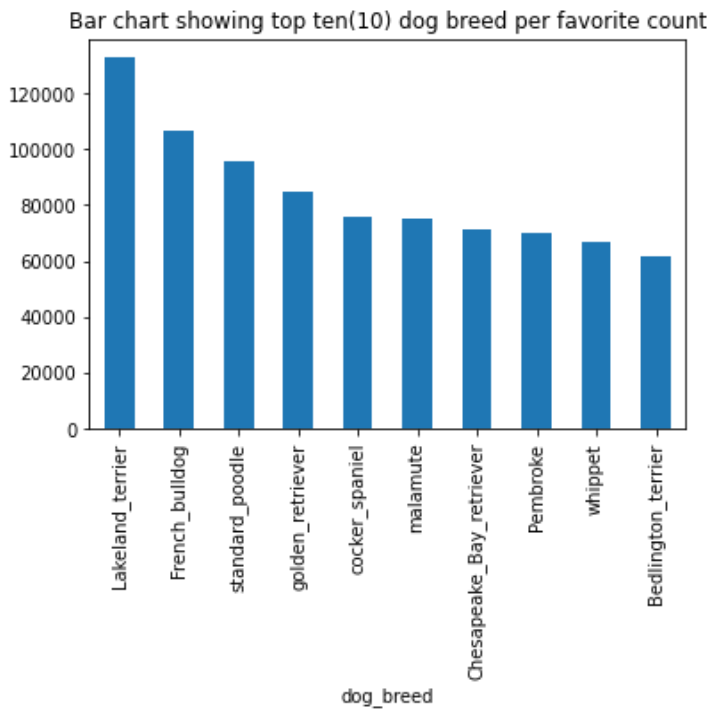


This shows the Histogram of the top ten Dog breed per rating.

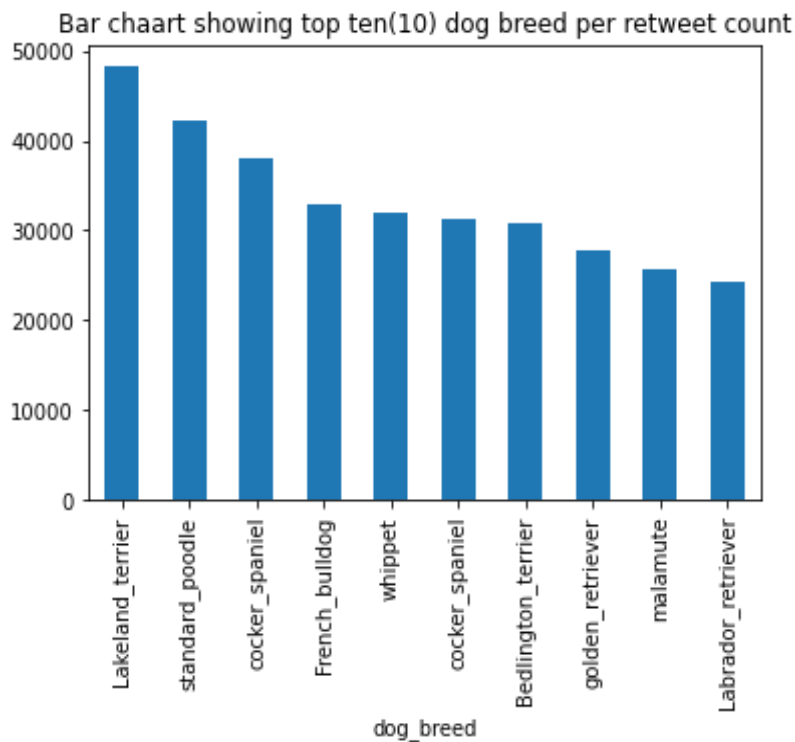


We discover that the golden retriever has the highest rating followed by the Labrador retriever. It is also worthy to note that the rating is not based on the retweet count nor the favourite count. We see this in the two bar charts below, one would have expected that the retweet count and favourite count would have contributed but we saw that it didn't.

This is the Bar chart showing top ten dog breed based on the favourite count



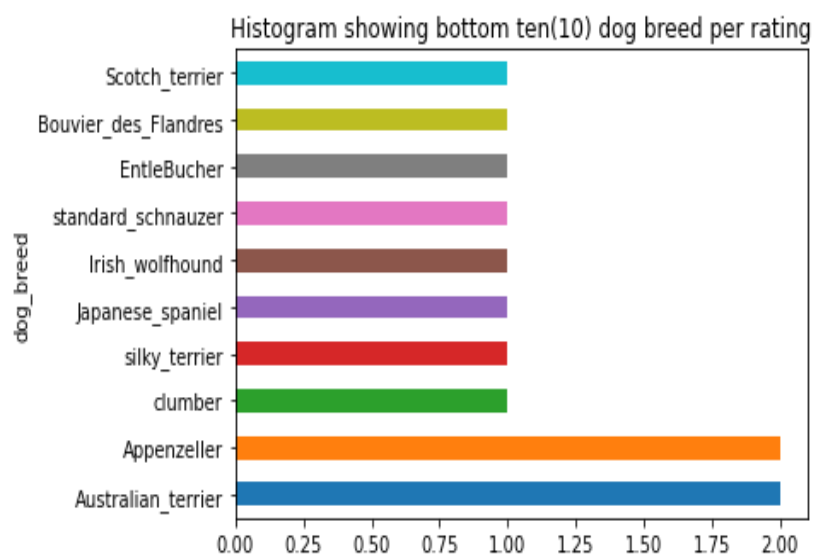
It will be good to also view that of value count of retweet by followers and others. Below shows a view of the top 10 retweet count based on dog breed.



On the contrary, the below shows image of the least rated dog. Little wonder, we could see that it'd even difficult to conclude if it is a dog or otherwise.



We will also want to see the least 10 dog breeds based on rating. We discover the following based on the histogram below.



Understanding our trust worthy the image prediction was, is of great importance hence the below gives an understanding pf that:

Image prediction Accuracy for p1\_dog group

