

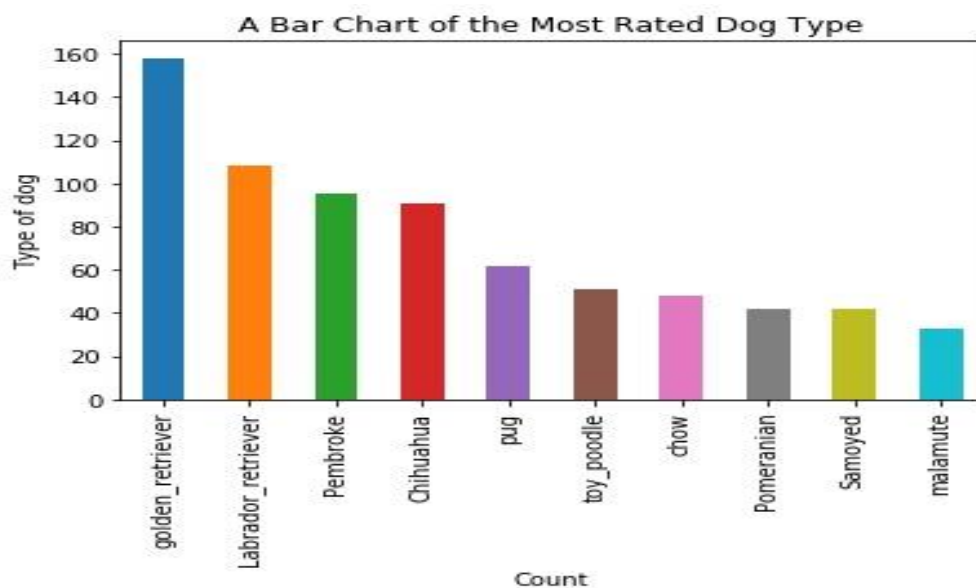
Analyzing and Visualizing WeRateDogs

1. Introduction

The WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. 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."](#) WeRateDogs has over 4 million followers and has received international media coverage.

2. Analysis and Insights

1) Question 1: What is the Most common Dog Type?



Insight: Golden retriever is the most common dog in this dataset.

2) Question 2: What were the highest rated dog types?



Figure 1: clumber Dog



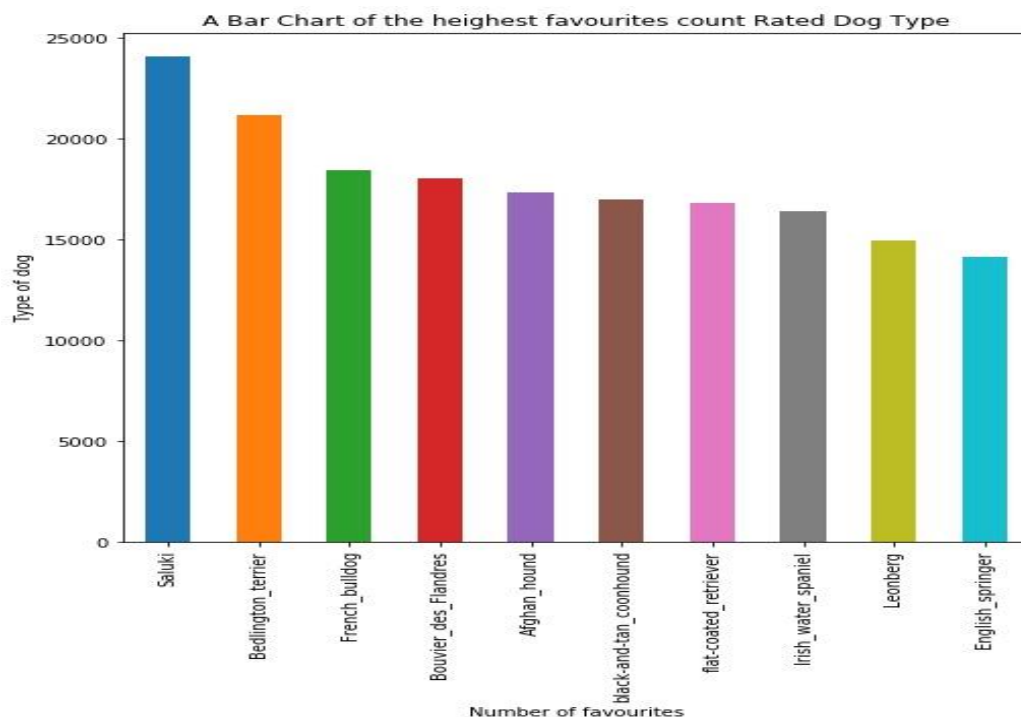
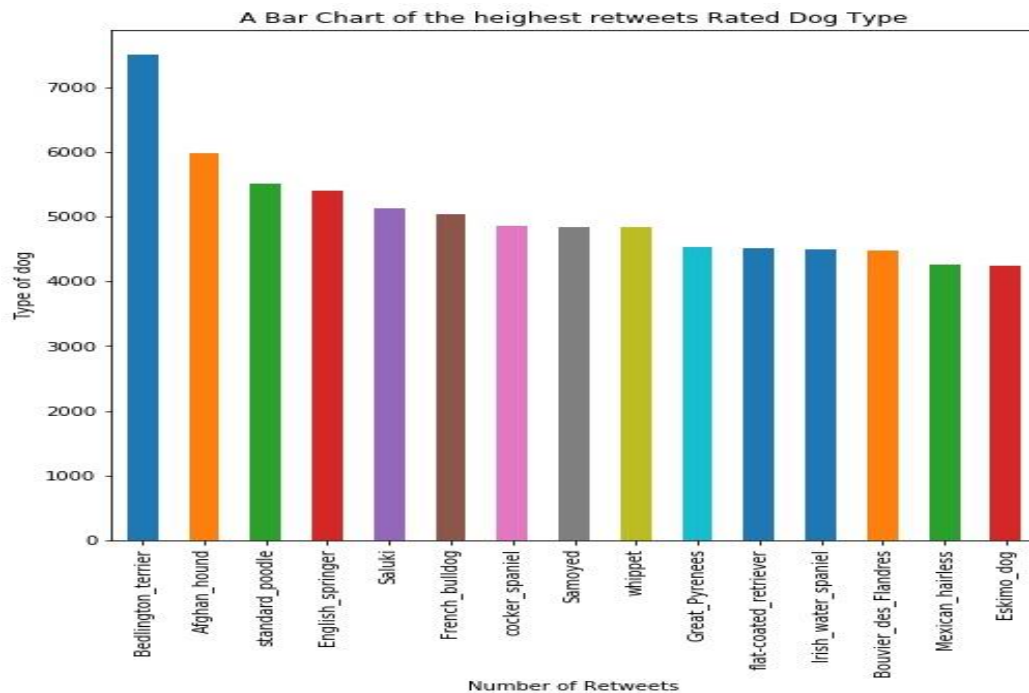
Figure 2: Japanese_spaniel Dog

Insight: The highest rated dog type is the clumber. Surprisingly, its average rating is 27/10. and Japanese_spaniel has the lowest average rating

3) Question 3: Which are the top 10 predictated dog types in terms of the confidence-level on average?

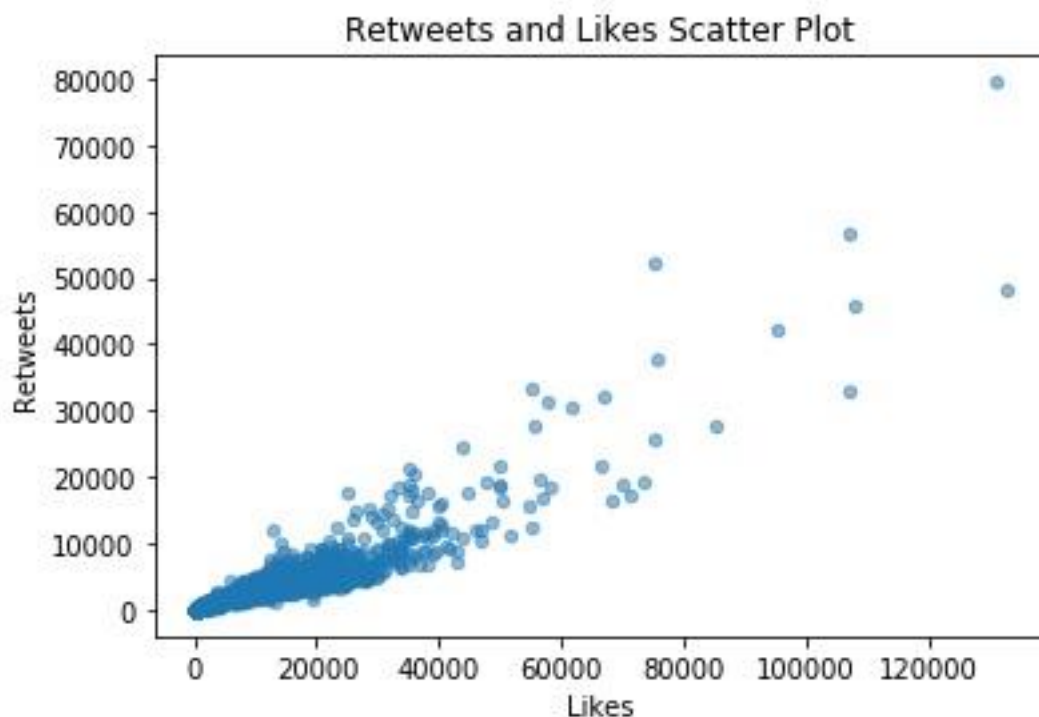
Insight: The highest average confidence level in predicting the dog breed experienced the komondor Dog. The second is the clumber. Both breeds have a unique appearance, which probably made the prediction easier. The highest confidence level is 97% on average, which should be kept in mind. In my opinion, the level is too low, to really rely on these results. For deeper analysis, you should consider running the images through a model which is either dedicated to dogs only or which is trained better.

4) Question 4: Which dog types have the highest average retweet and favorite-count, according to the prediction with the highest confidence level?



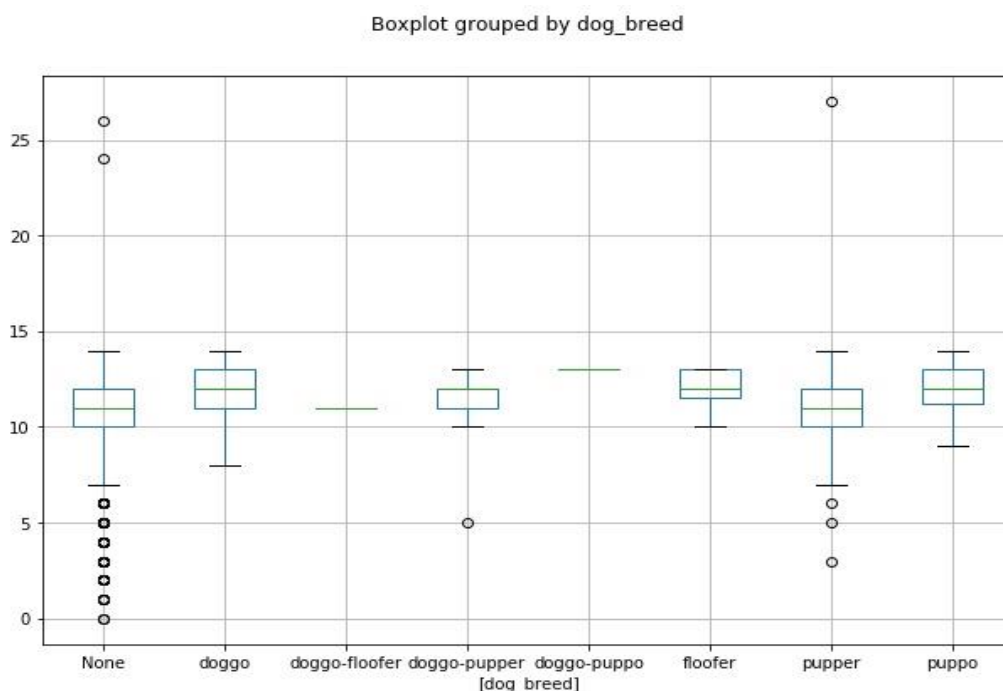
Insight: On average the Bedlington_terrier appears to be retweeted most, whereas the Saluki appears to have earned the most favorites by far. However, you can see, that many breeds are in both top ten listings present. This might be a hint of a potential correlation between these variables.

5) Question 5: What is the relation between Retweets & Likes?



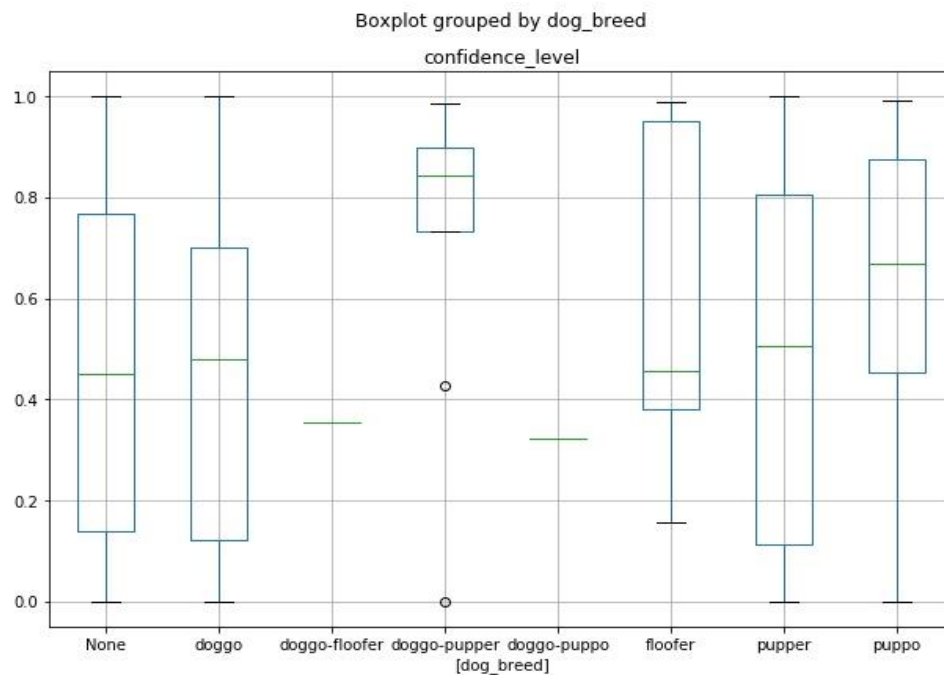
Insight: the variable retweet and favorite count correlate strongly with each other (0.912). It appears the viewers of the WeRateDogs Twitter account express their liking using both ways.

6) Question 6: what is the most dog breed rating?



However, pupper is not the most popular stage according to rating, whereas the doggo and puppo on average are on the top list.

7) Question 7: what is the most dog breed rating have the highest confidence level?



Combination dog breed of doggo and puppo is correlated with the most accurate confidence level among the all the potential dog breed and it is much higher even than puppo which stand at the second place.