Wrangle and Analyze "WeRateDogs" Twitter Data

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introduction

This project aims to to get insightful information about dog ratings from the twitter page WeRateDogs™, while demonstrating advanced data wrangling and visualization techniques using various Python libraries. WeRateDogs is a Twitter account that rates people's dogs along with a humorous comment. Theseratings almost always have a denominator of 10, and a numerator that is usually greater than 10 because "they're good dogs". The higher thenumerator rating, the 'better' the dog. WeRateDogs has over 4 million followers and has received internationalmedia coverage.

Shows Retweet Counts Vs Ratings Ratio

This graph shows the retweet count for the x axis and the twitter rating for the y-axis and we can notice that there are more retweets when the dogs have high rating score.
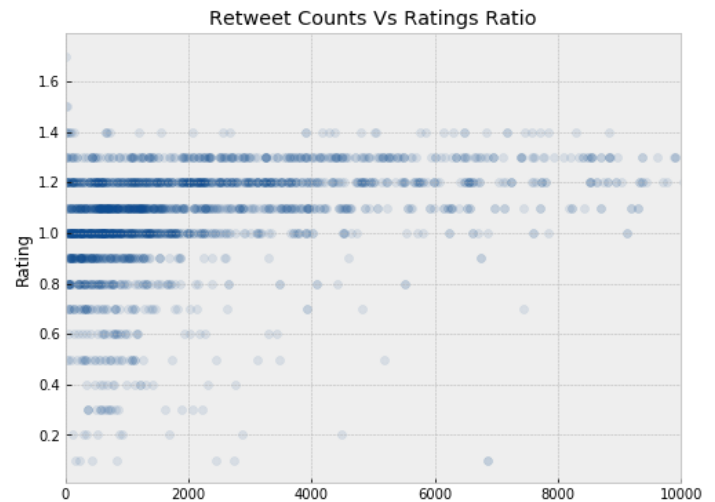

Figure 1- Shows Retweet Counts Vs Ratings Ratio

Distribution of Dog Breeds

The Distribution of Dog Breeds graph illustrates the distribution of the dog breed in WeRateDogs twitter account, we have more than 140 golden retriever dog which represents the biggest number of dogs in one breed in the account tweets. The other dogs on the graph represent the top 10 existence dogs in the account which mean they are really good dog breeds
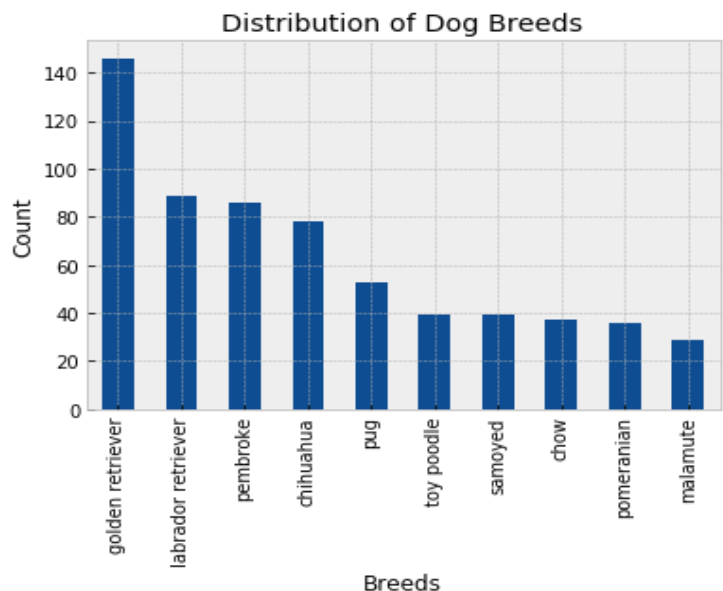

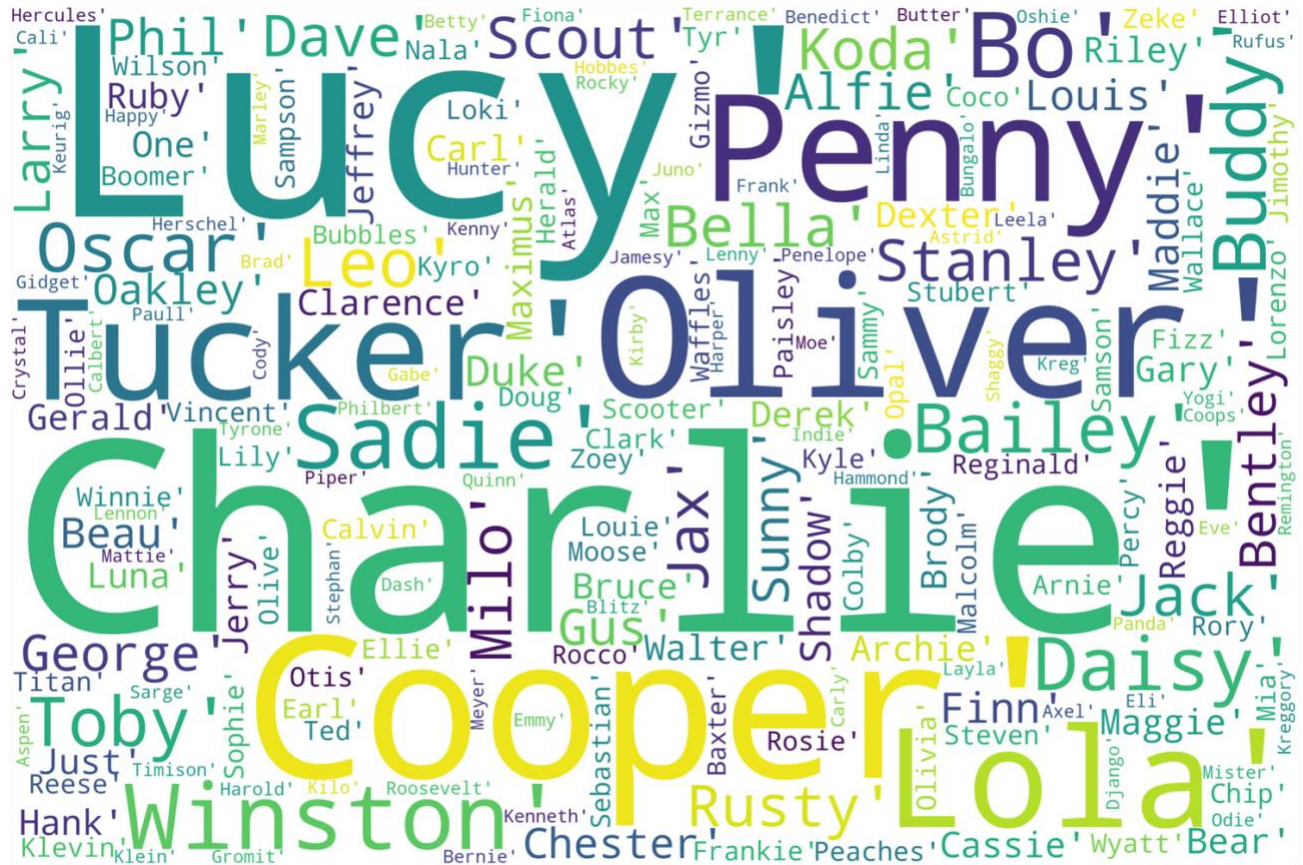*Figure 2 Distribution of Dog Breeds*

Distribution of Dog Names

Figure 3: Distribution of Dog Names

This WordCloud photo shows the most common good dogs names, we can notice than Charlie is the most common name for dogs, in addition to Lucy, Cooper, Oliver, Penny, Tucker and Lola. It may help the one whos' looking for a name for his dog!

Most Tweeted DoggoLingo stages

DoggoLingo, is an Internet language that is created from word conversion,and it's implied to be a dog's own idiom, and is presented as what humans have long believed goes on in the canine brain [1].
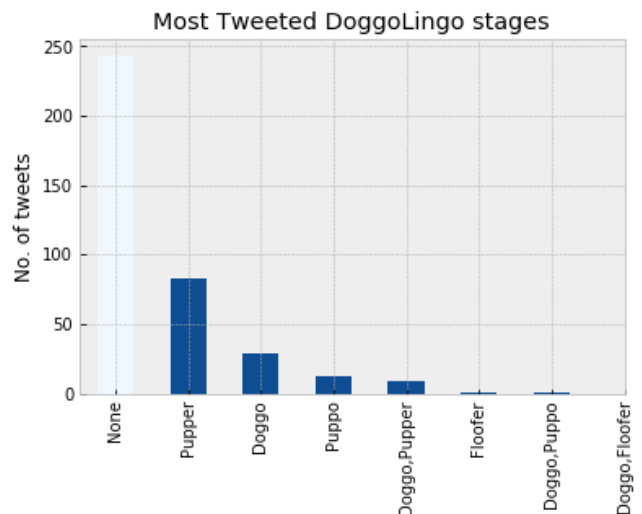

Figure 4: Most Tweeted DoggoLingo stages

Top 10 Favorite Count for Dog Breeds

The below graph illustrate the most favorite dog breeds depends on the favorite counts. The bedlington terrier recorded the biggest number of favorite count which mean it's the most favorite breed for the account followers and the dogs lovers!
All of afghan hound, basset, and australian terrier dog breeds has more than 5000 favorite count which demonstrate that they are really good dogs and the people should think about them when they are willing to have new dogs. See Figure [5].
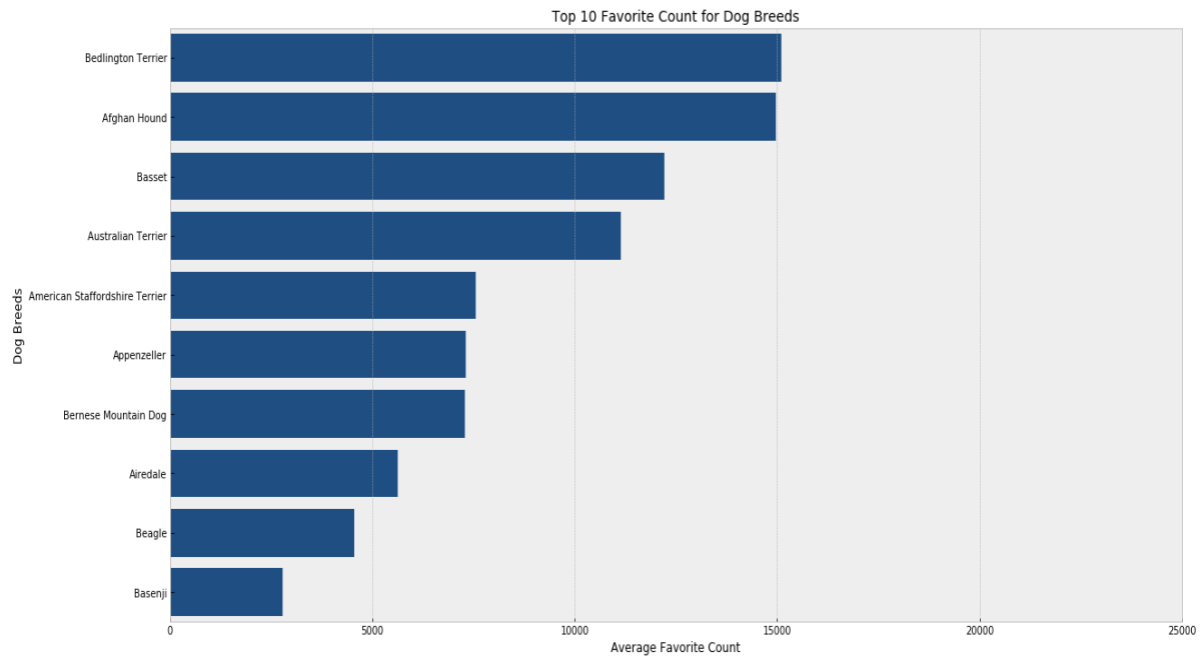

Figure 6: Top 10 Favorite Count for Dog Breeds

References[1] : Wikipedia, https://en.wikipedia.org/wiki/DoggoLingo