

Analyzing & Visualizing Report

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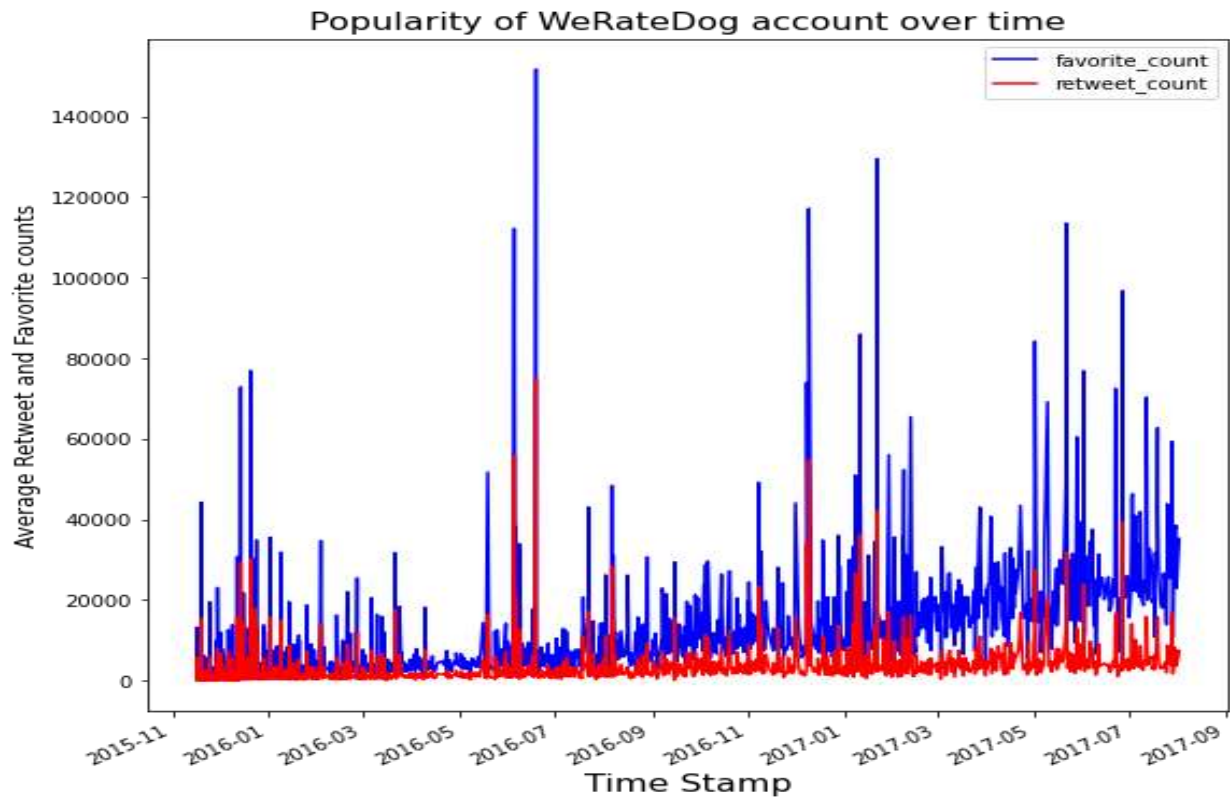
Introduction

WeRateDogs is a twitter account that rates people's dogs with a humorous comment about the dog. There ratings almost always have a denominator of 10. The numerators however are almost always greater than 10 (11/10, 12/10, etc.) because WeRateDogs admit that almost all dogs deserve a 10 and sometimes more than that.

So, what does rating do? Which dog breed is most common dog in the tweet dataset? What dog breed has the highest average rating? These questions are answered in the following graphs and insights.

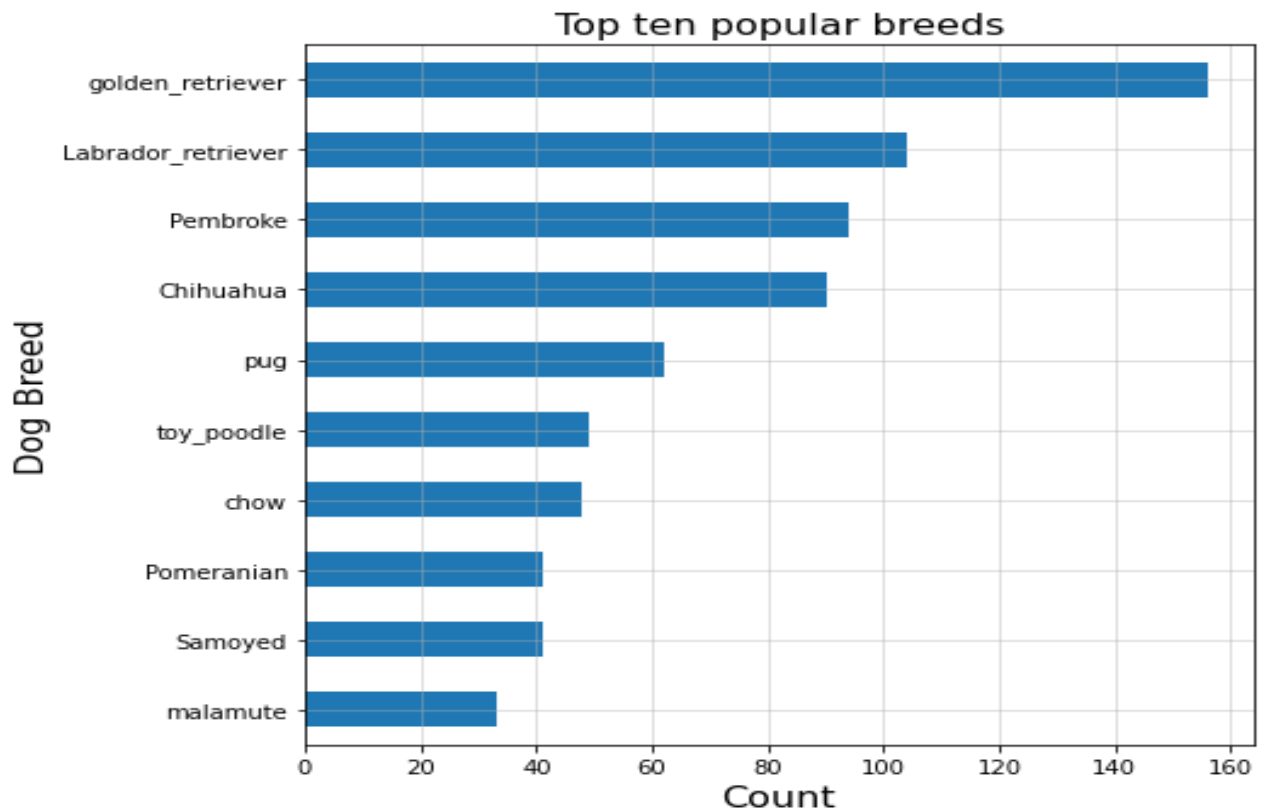
Visualizations & Insights

1. Popularity of WeRateDog account over time



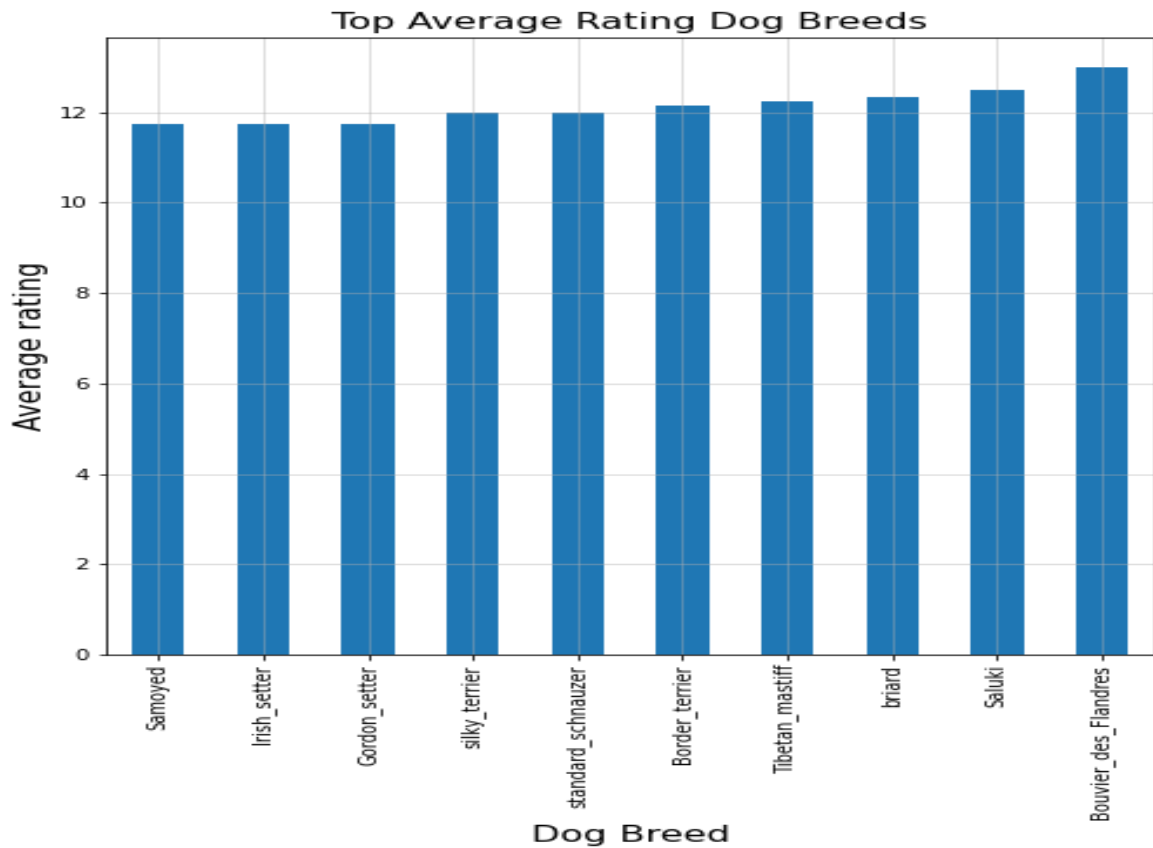
This plot shows the average retweets and favorites count of WeRateDogs account over time. The plot clarifies that the numbers of average retweets and favorites counts has positive trend over time. So, I concluded that WeRateDogs account gains more popularity with time.

2. Most common dog breeds in the dataset



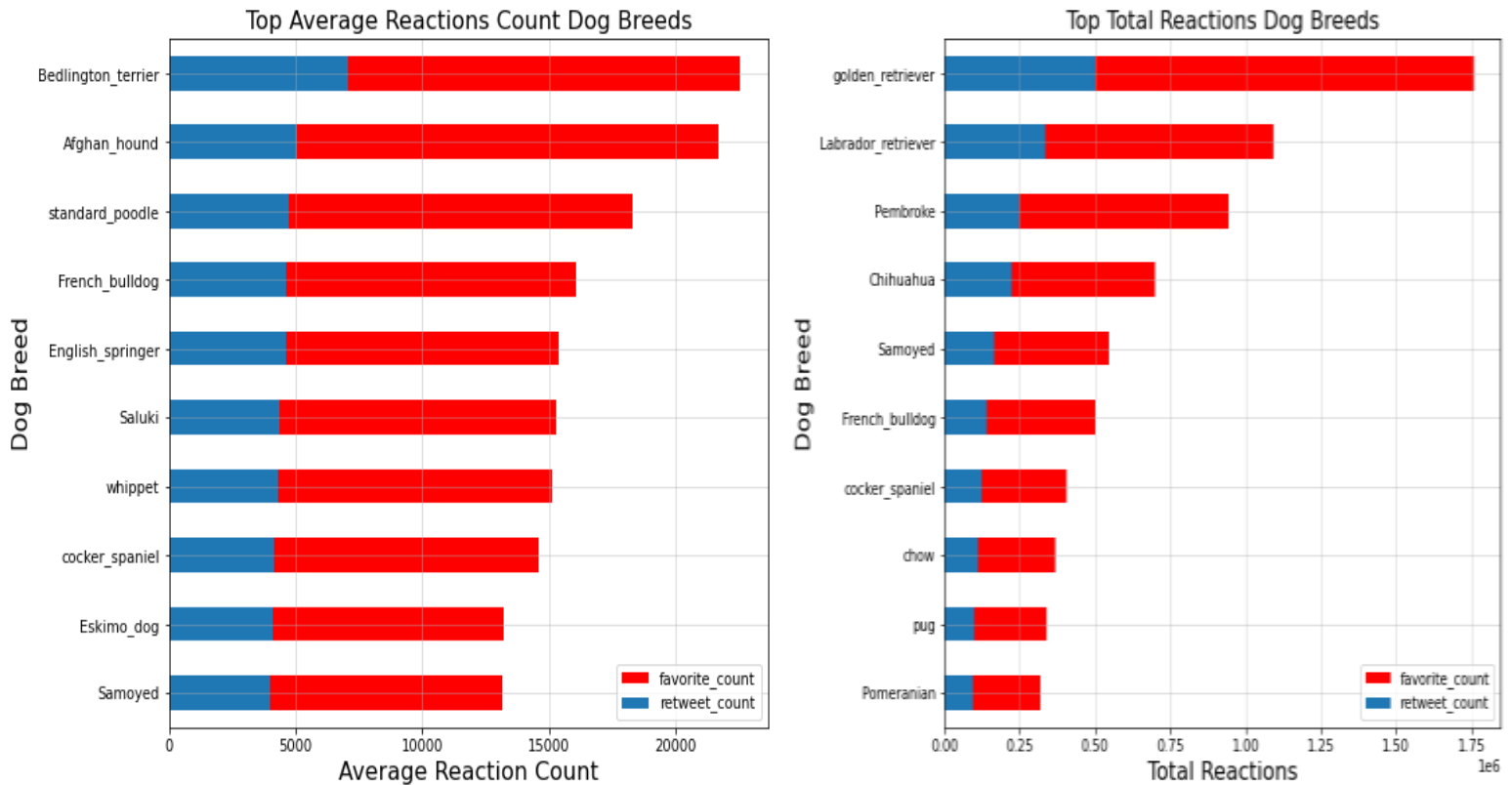
WeRateDogs has over 5000+ tweets. I was able to analyze almost nearly 2000 tweets. In those tweets the most popular dog breed in tweets was golden retriever with more exactly 156 tweets. So, I concluded that most people that follows WeRateDogs account have this dog breed.

3. Top average rating dog breeds



This bar plot shows the top-rated breeds on average and the breed that got the top average rate was Bouvier_des_Flandres and with investigating the data set it showed that this dog breed only showed once so we can't consider this breed the top-rated breed. With the top five breeds got average rating over 12 so we can consider the breed that showed the most has the top-rate and this breed was Border terrier.

4. Top breeds that got reactions from followers



The graph on the right shows breeds that got most retweets and favorites on total. This make sense that golden retriever is on the top as it is the most breed that appeared in tweets. So, this result was not decisive.

Here it comes the importance of the left graph as it shows the average of retweets and favorite counts. So, we can conclude that the most loved breed that got most reactions from followers was Bedlington terrier.

And here is the top-rated photo of Bedlington terrier breed



Finally, there were two tweets with ratings 1776 and 420 that I considered as outliers. By investigating those tweets, I got the two pictures that got that extraordinary ratings.



Dog picture with rating 1776



This is the picture with rating 420 it is not a real dog it was a funny tweet with photo of snoop dogg