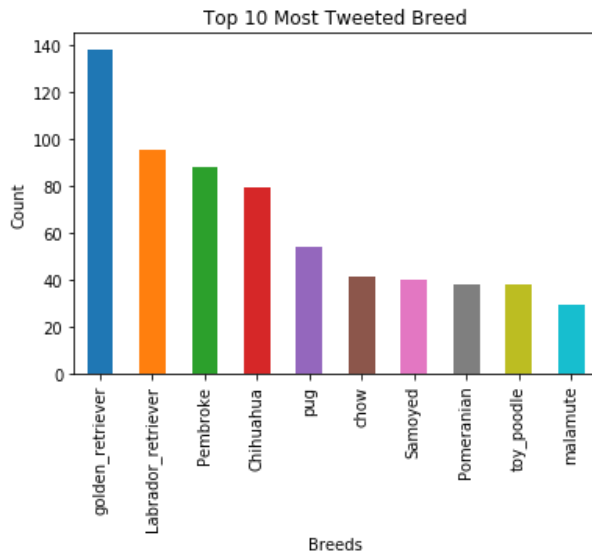# WeRateDogs Data Insights

Through my analysis of the WeRateDogs dataset that was gathered, assessed, and cleaned, I provided the below 3 insights and visualizations.

1) Most popular dog breed by number of tweets:

Here I created a bar chart that displays the top 10 tweeted breeds (using the image predictions algorithm. The above visualization shows how many times the each of the top 10 breeds appeared in the dataset. We can see that the Golder Retriever is the most tweeted breed with over 130 tweets. The other most tweeted breeds are the Labrador Retriever, Pembroke, Chihuahua, Pug, Chow, Samoyed, Toy Poodle, Pomeranian, and Malamute.

2) Retweet_count vs Numerator Rating:
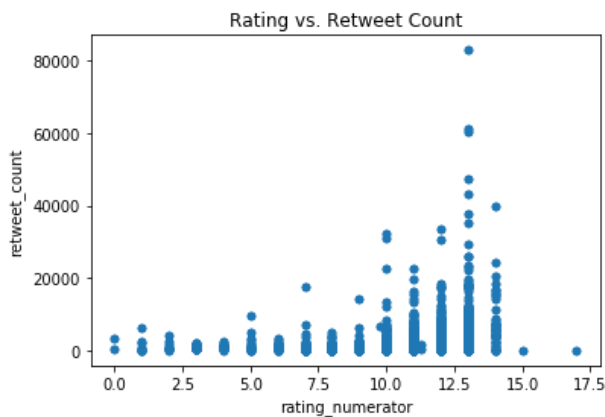
Here I created a scatterplot that displays the 'retweet_count' column and the 'numerator_rating' column for each entry in the dataset. We can see that there is a positive relationship between the two variables. As the rating_numerator increases the retweet_count also increases which makes sense as we should expect higher rated dogs to be shared more often on social media in this case it was shared through retweets. Although we can see some

outliers with the entries that have a rating_numerator of 15 and 17.5 that have low retweet counts.

3) Most Popular Dog Name by Count:

Top 10 Most Popular Dog Naems
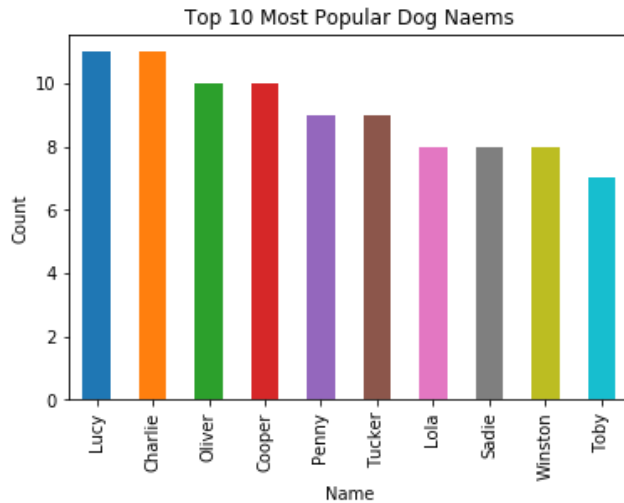
My last analysis investigated the most common dog name in the dataset. I displayed my findings in the above bar chart that shows the name and the count of how many times the name appeared in the data set. The top 10 dog names in the data set were Lucy, Charlie, Cooper, Oliver, Penny, Tucker, Sadie, Lola, Winston, and Toby. We can see that there are quite a few ties. For example, Lucy and Charlie have tied for 1st place, Oliver and Cooper are tied for 2nd place, and Penny and Tuckey are tied for 3rd place.