Twitter is a platform where people can talk about the things they do, think, and feel every day. Pictures of dogs have always been popular among users among all of the tweets. I looked at tweets with dog pictures to learn more about this phenomenon and discovered some interesting insights. I will discuss a few of the most important results from my analysis in this report.


First thing I did was find what the count of dog breeds in the tweet for various breeds is. To do this, I created a bar chart with value_counts() method showing number of number of tweets for each dog breed and plotted it on the y-axis while the dog breeds where plotted on the x-axis. The resulting chart shows that Golden Retrievers are the most popular dog breeds in the tweet data followed by Labrador Retriever and Pembroke.

Distribution of Dog Breeds
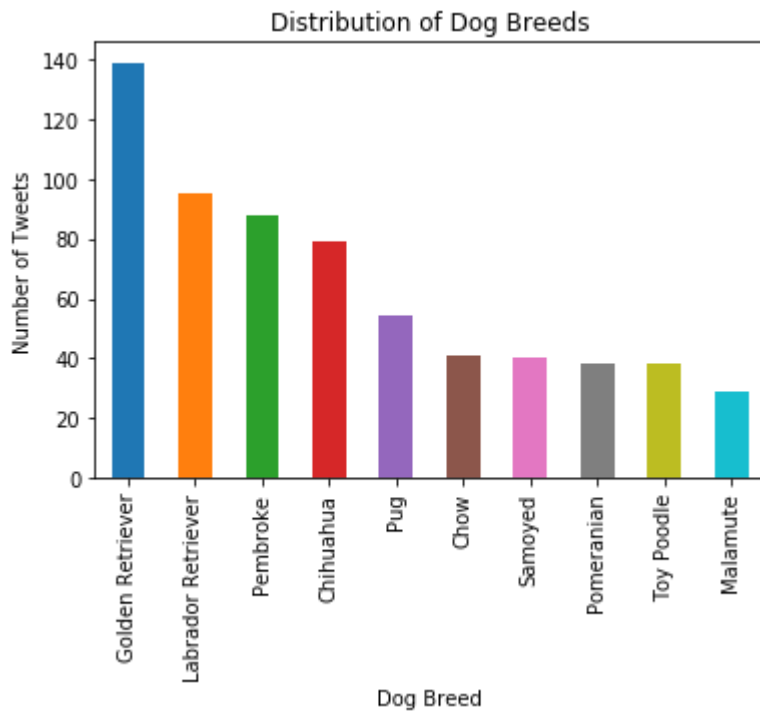
Second thing I did was analyze the relationship between retweet_count and favorite_count. Favorite can be translated to mean the number of likes a tweet gets. This relationship was visualized using a scatter plot. The result shows that there is a positive correlation between retweet_count and favorite_count.

Retweet count vs Favorite count
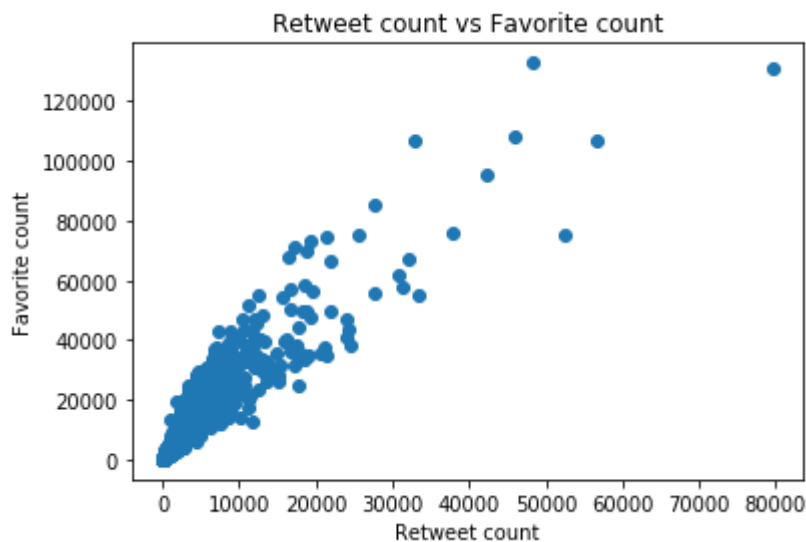
Last thing I did was find the most common dog names in the tweet dataset. The most popular dog name is Lucy followed closely by Charlie and Cooper.

Top dog names
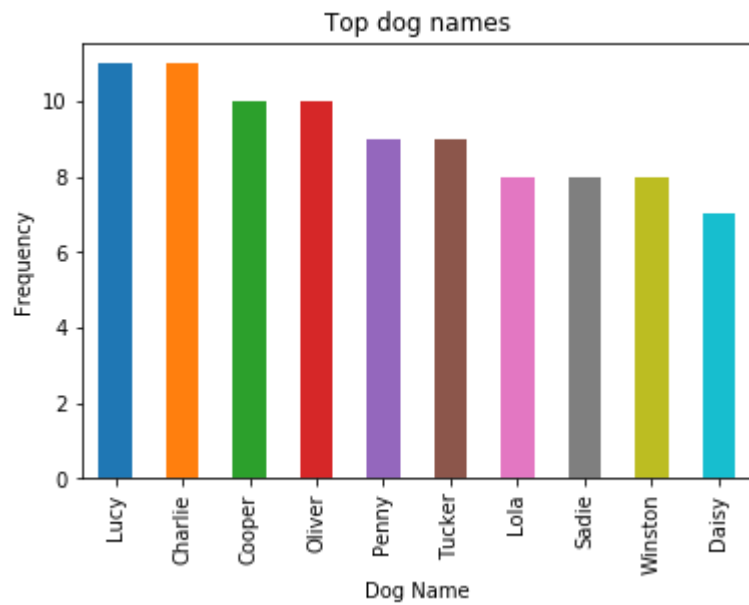
In conclusion, we are able to answer some questions like what breed is most popular among breeds or to tell how popularity of a tweet determine the number of likes and retweets it gets. The visualizations help us answer these questions with so much ease. The insights gotten from this analysis can be used by various niches in the pet industry to better understand their target audience.