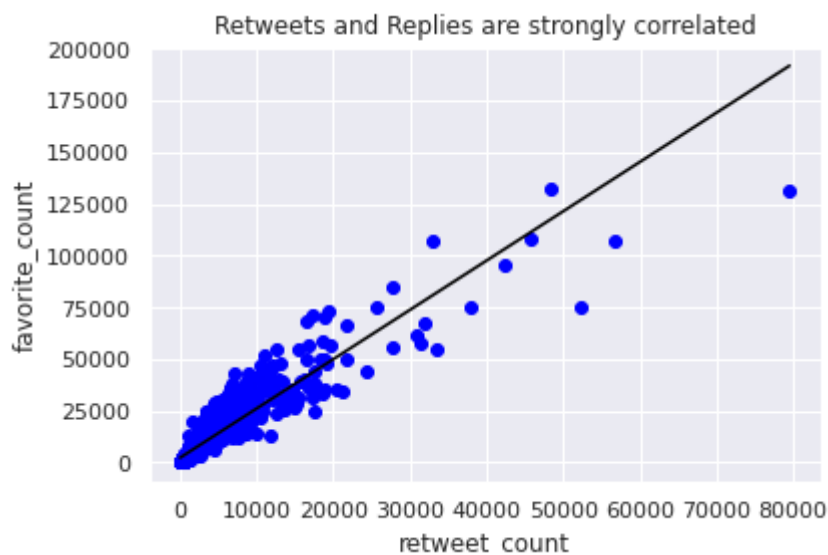# WeRateDogs Twitter Analysis

WeRateDogs is a Twitter account that posts and rates pictures of dogs. These ratings often are not serious and have numerators that are greater than the denominators. In my analysis, I examined WeRateDogs's archive through August 1, 2017. Most of the necessary Twitter data was provided by Udacity. In addition, Udacity ran the images on WeRateDogs's account through a neural network to generate three predictions for each image.

After wrangling the data for original content with images, I wanted to answer the following questions:

1. Are the tweets and replies correlated?
2. What are the top 5 most favourite tweets?
3. Top 5 most retweeted tweets
4. Top most common dog breeds
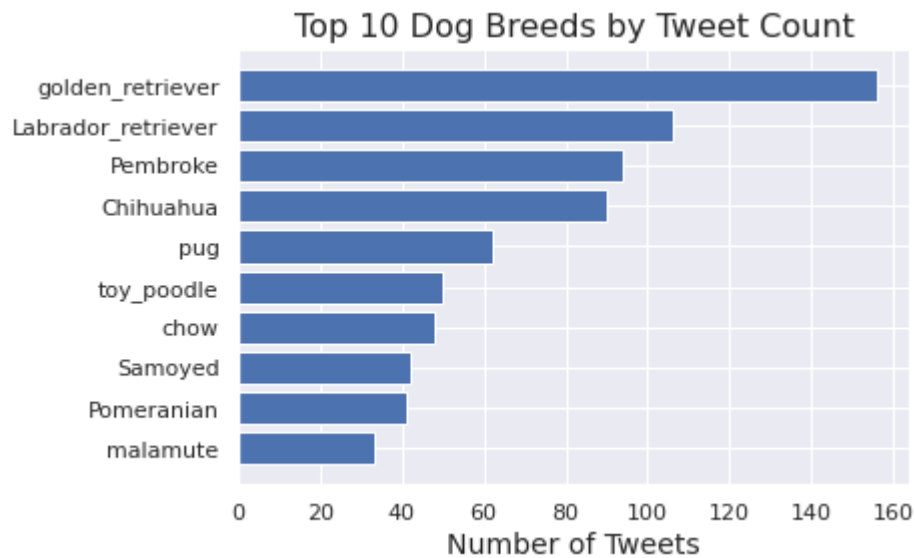5. Monthly trend of interactions on tweets
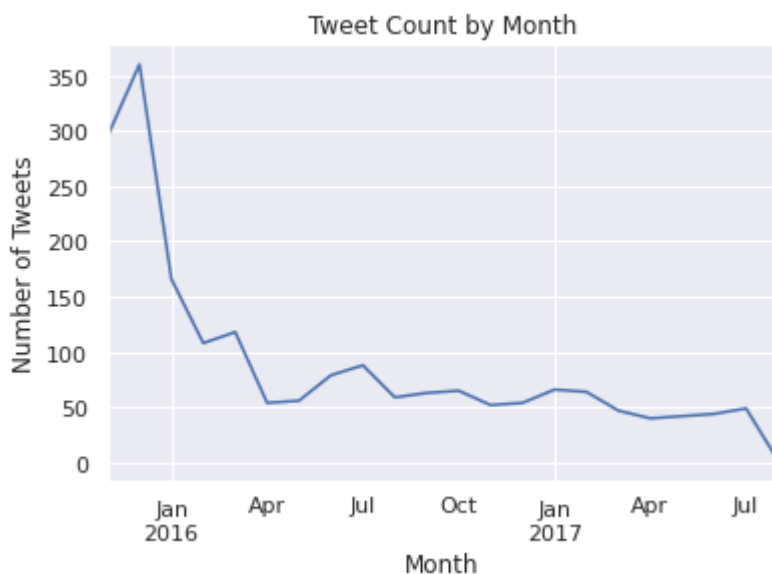
Question 1: Are the tweets and replies correlated?

This graph shows a positive correlation between the tweets and the replies.

Question 4: Most common dog breed

This shows the most common dog breed by tweet count

Top 10 Dog Breeds by Tweet Count

Question 5: Monthly trend of interaction on tweets

The number of tweets has had a general downward trend by month since the account was first started, going from a peak of almost 300 tweets in one month down to around 50 in the latest months.

However, my analysis only focused on original content with images. It is possible that the account has focused on other areas of content, such as retweets, videos, and interactions with followers, etc.