Act Report

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

WeRateDogs downloaded their Twitter archive and sent it to Udacity via email exclusively for you to use in this project. This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017

The twitter archive enhanced file contains data extracted from 2356 tweets from various accounts. The archive contains basic tweet data which include dog name, dog stage and dog rating.
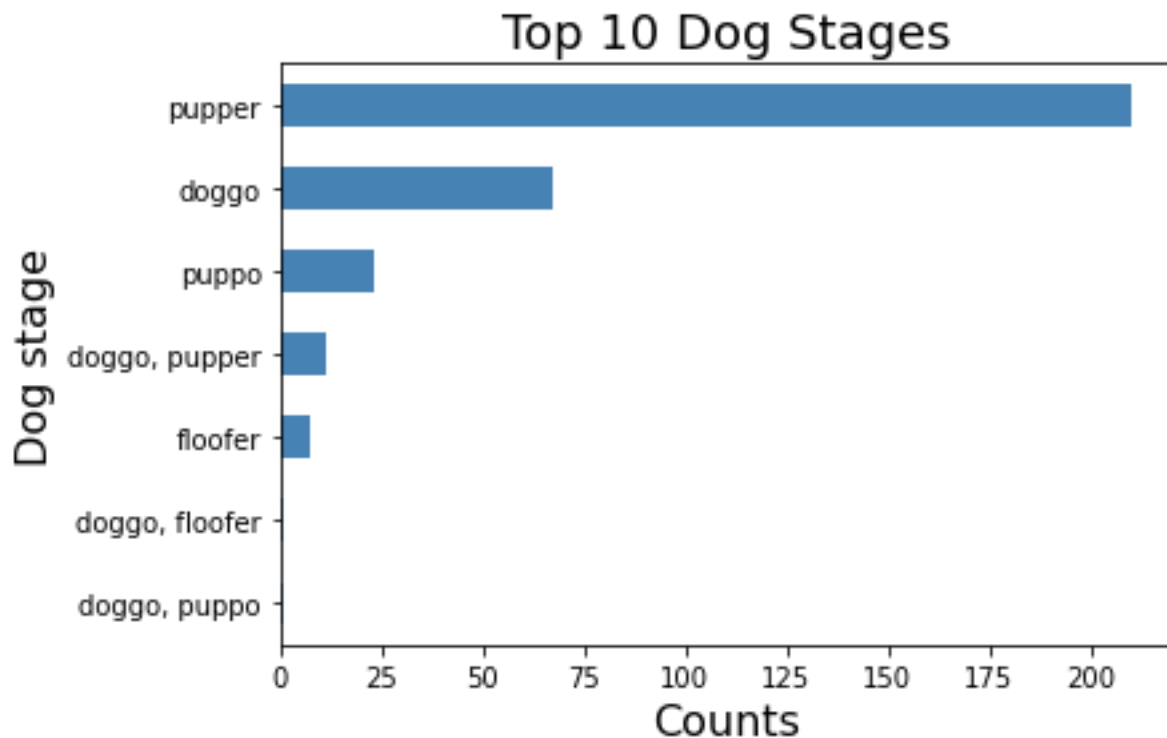
The retweets and favorites count were gotten from the tweet_json file which was downloaded and saved programaatically through the Twitter API using Tweepy

The imagine prediction file contains information about on the various dog breeds of tweets and the top 3 image predictions for various dog breeds.

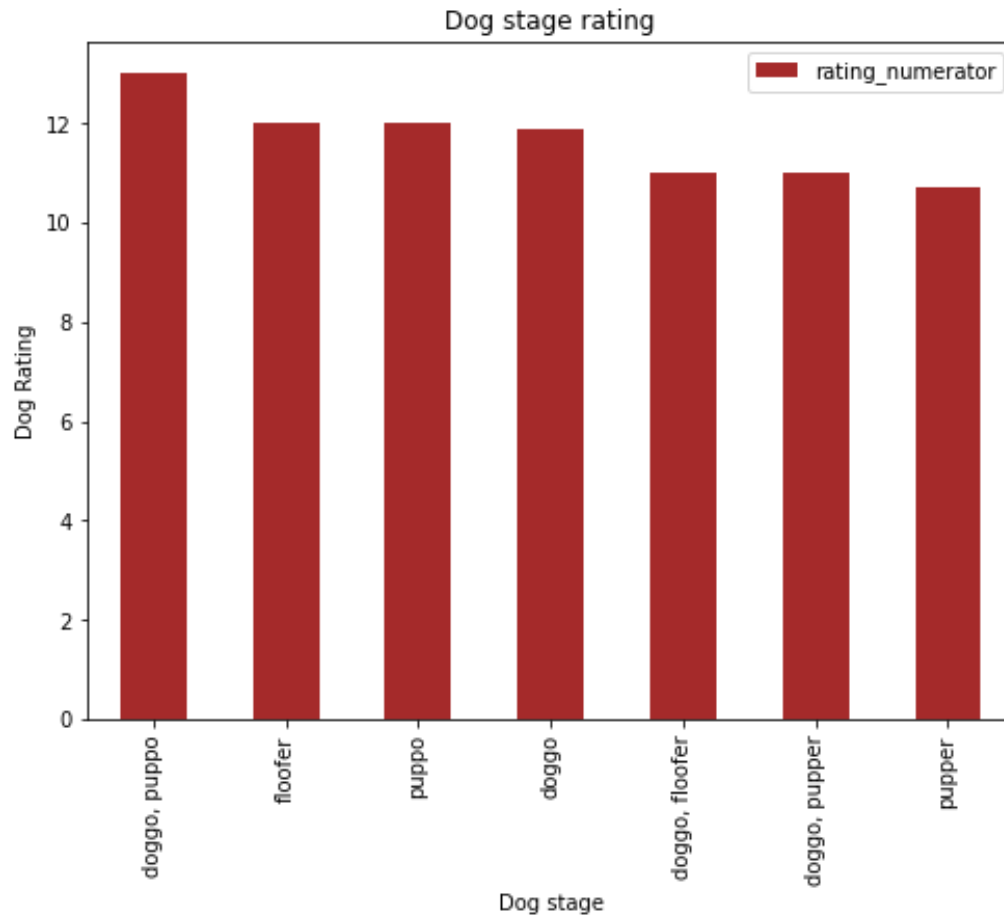## Below are the insights gotten after we carried out Exploratory Data Analysis

Insight 1: What are the top 3 most occuring dog stages ?

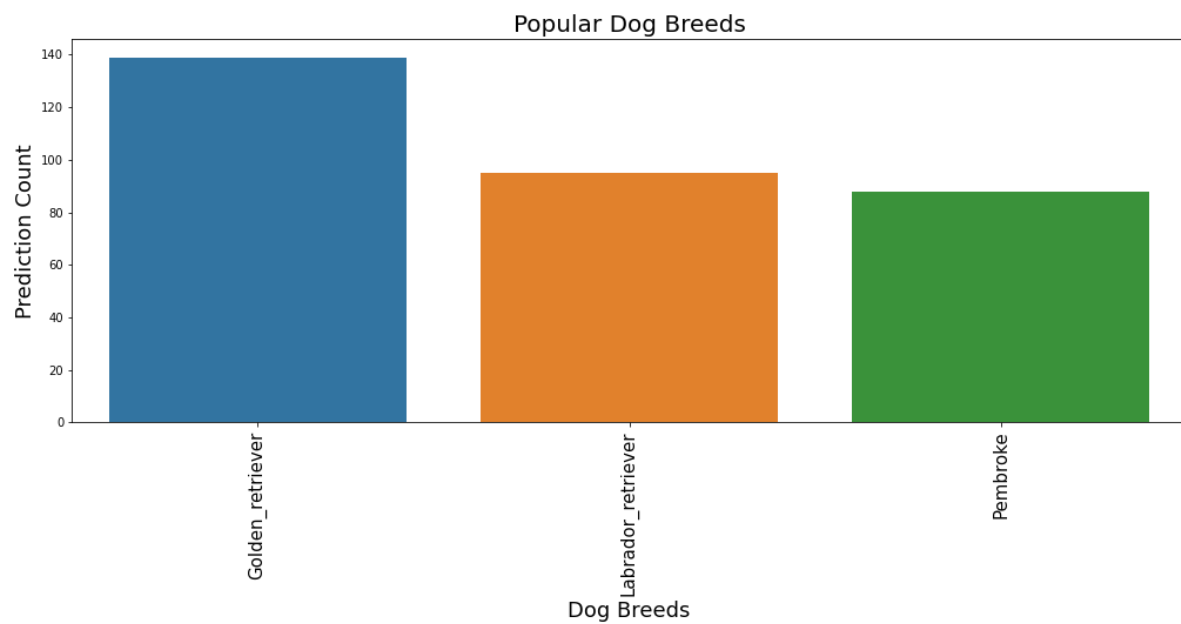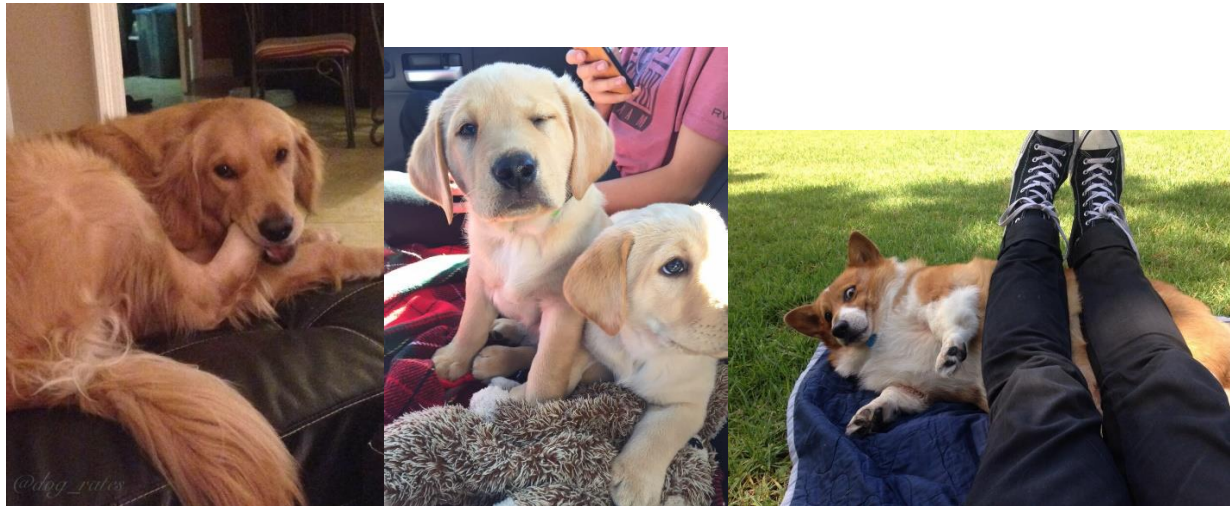The top 3 Dog stages with the highest occurence are the "pupper, doggo and puppo" stages respectively

Insight 2: What dog stage has the highest rating?
The Dog stage with the highest rating is the "doggo, puppo" stage with a rating of 13.
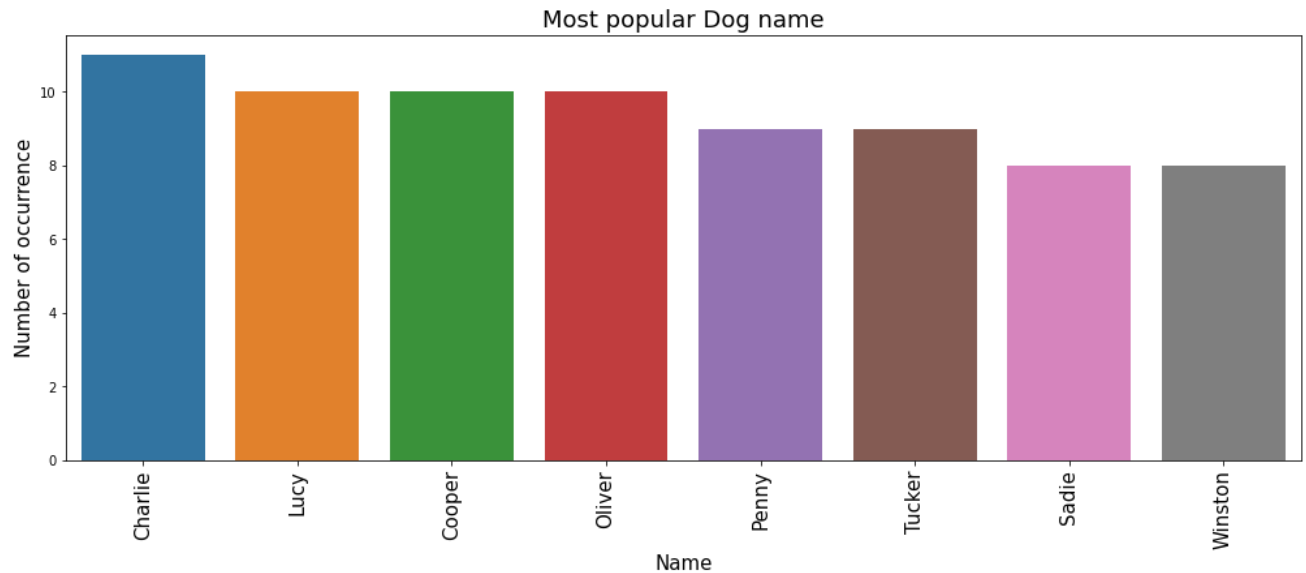

Dog stage rating

Insight 3: What are the 3 most Popular Dog Breeds?

The 3 most popular dog breeds are the "Golden_retriever", the "Labrador_retriever" and the "Rembroke"
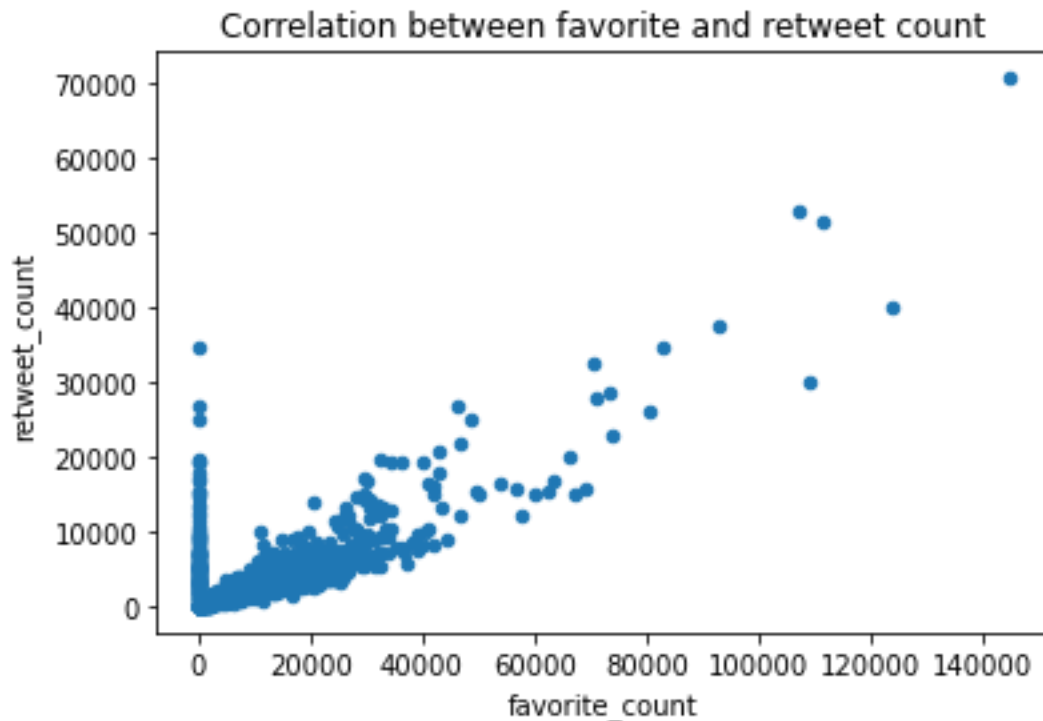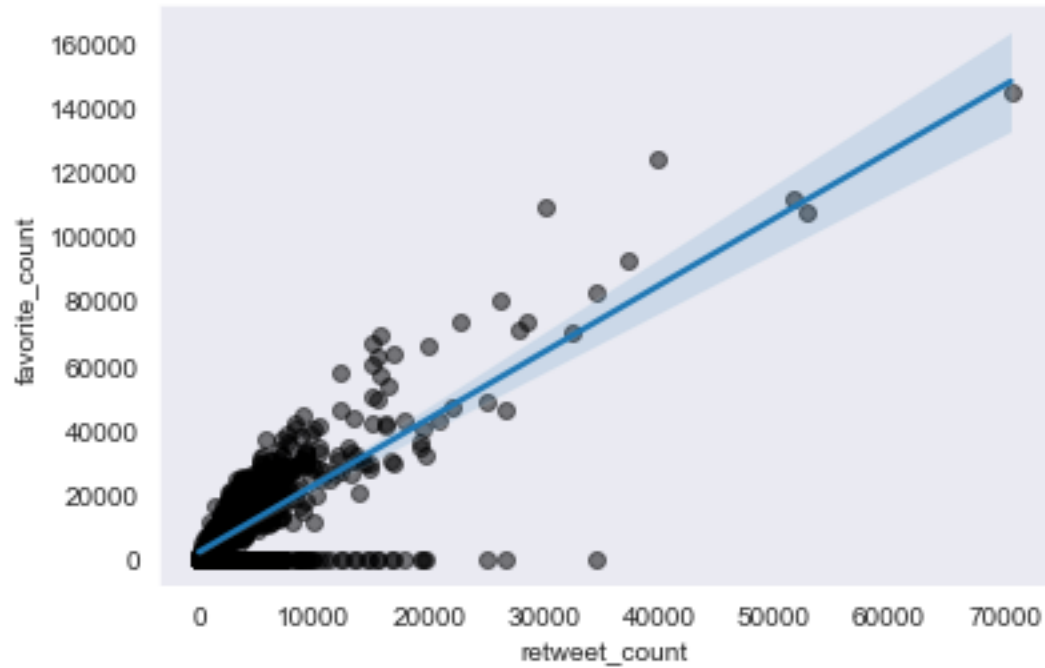
Insight 4: What are the most popular dog names?

The most popular dog names are Charlie, Lucy, Cooper, Oliver, Penny, Tucker, Sadie, Winston

Insight 5: Is there a correlation between favorite count and retweet count ?

This shows that there is positive correlation between Retweet Count and Favorite Count