WeRateDog Twitter Analysis Project Report

The Twitter Analysis Project task was to perform analysis from WeRateDog twitter profile from 2015 till August 1, 2017. This project was done using Python.

Initially, the dataset were gathered before the cleaning process begun. One is the Twitter archived Data which was pre-gathered for this project. The second dataset was to be downloaded programmatically using python then the content were stored in a text file. The last dataset which is needed to provide additional information on the tweets such as its number of retweets and number of favorites (Likes) was gotten from Twitter API using Tweepy.

The datasets in this project has gone through the following steps:

Step 1: Gathering data

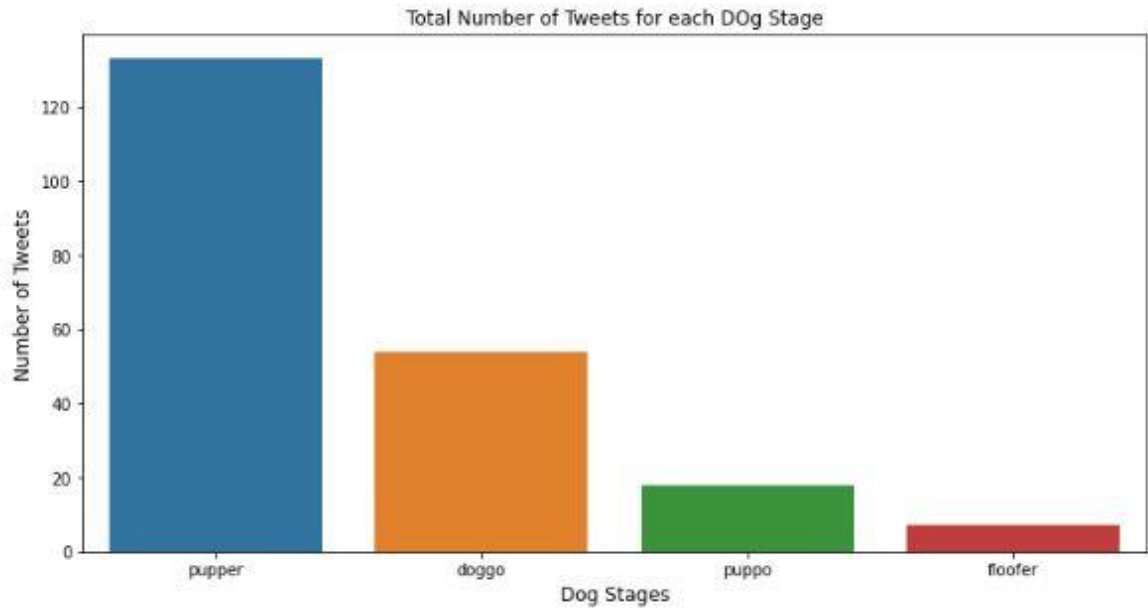Step 2: Assessing data

Step 3: Cleaning data

Step 4: Storing data

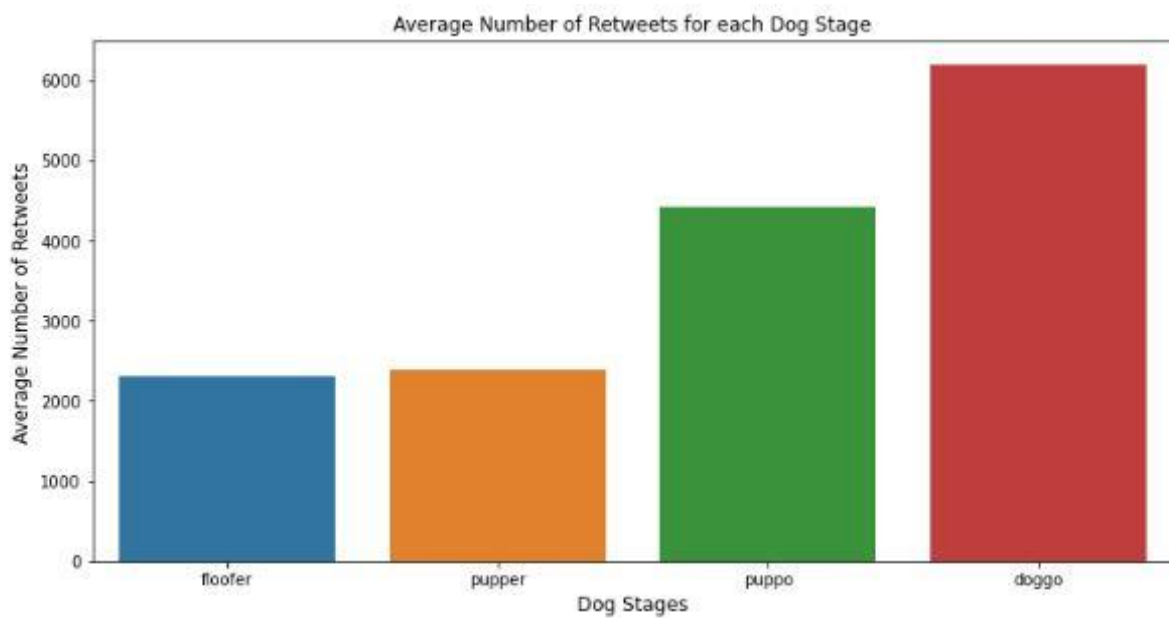Step 5: Analyzing, and visualizing data
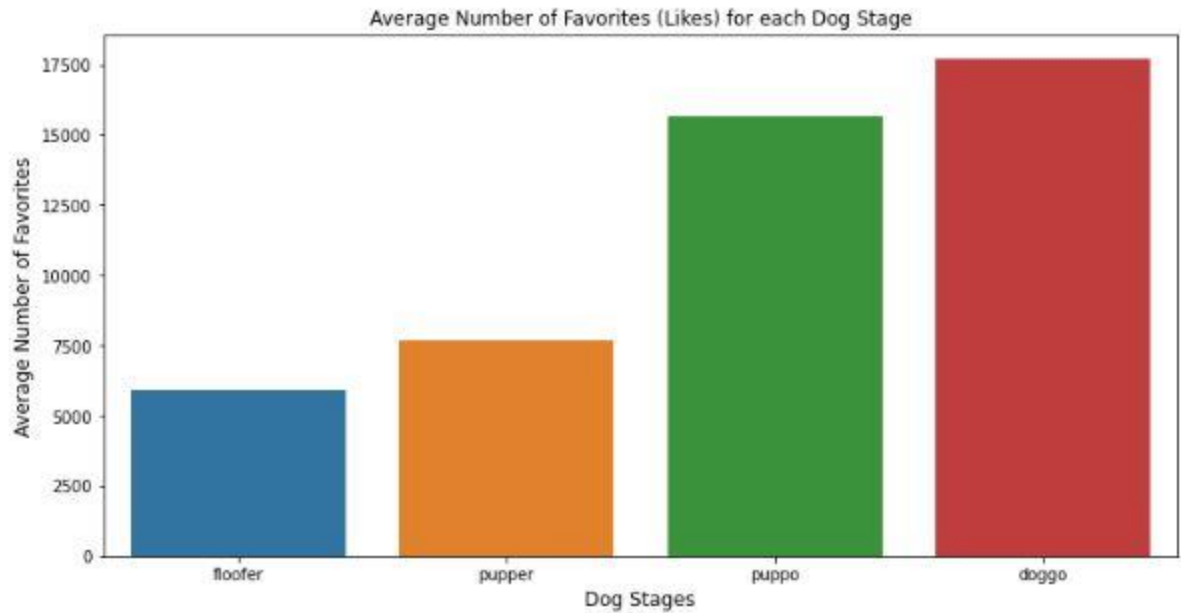
Now for the next step, REPORTING

Reporting Insights

1. There are four stages of Dogs. The pupper, doggo, puppo and floofer stage of dogs. After cleaning the datasets, I performed an analysis to know the most common dog stages that WeRateDog tweet about often.
   I then discovered that pupper dogs have the most appearances in their twitter timeline. This is followed by doggo, puppo and floofer being the least. This insights was visualized using a barchart below
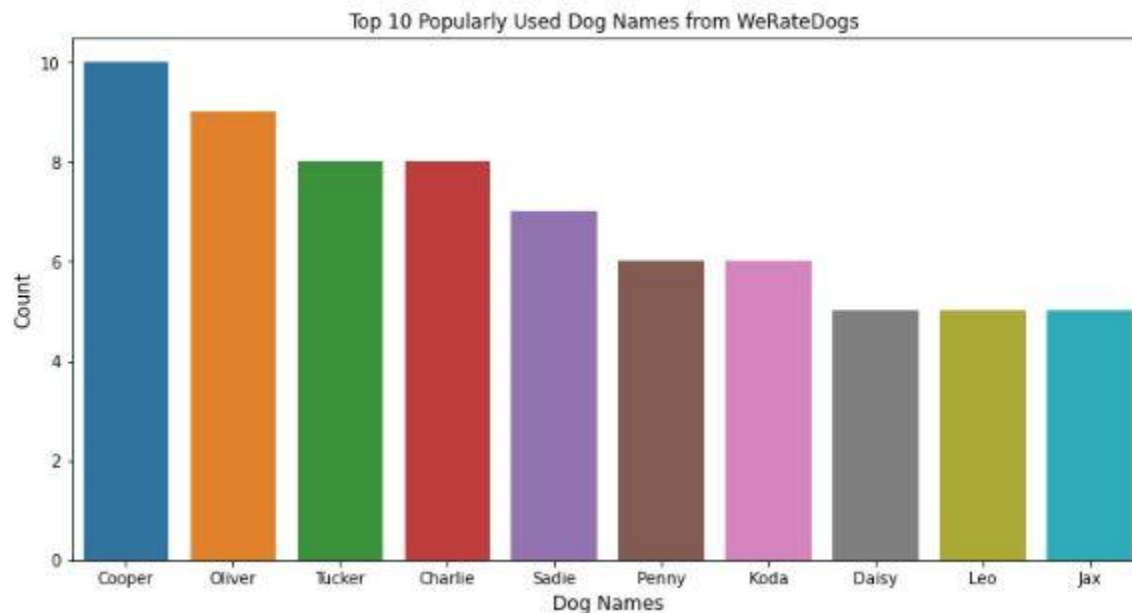
Total Number of Tweets for each DOg Stage

2. The next insight is to find the Dog stages with the highest average retweets and the highest amount of retweets. The charts below were used to answer this questions

Average Number of Retweets for each Dog Stage

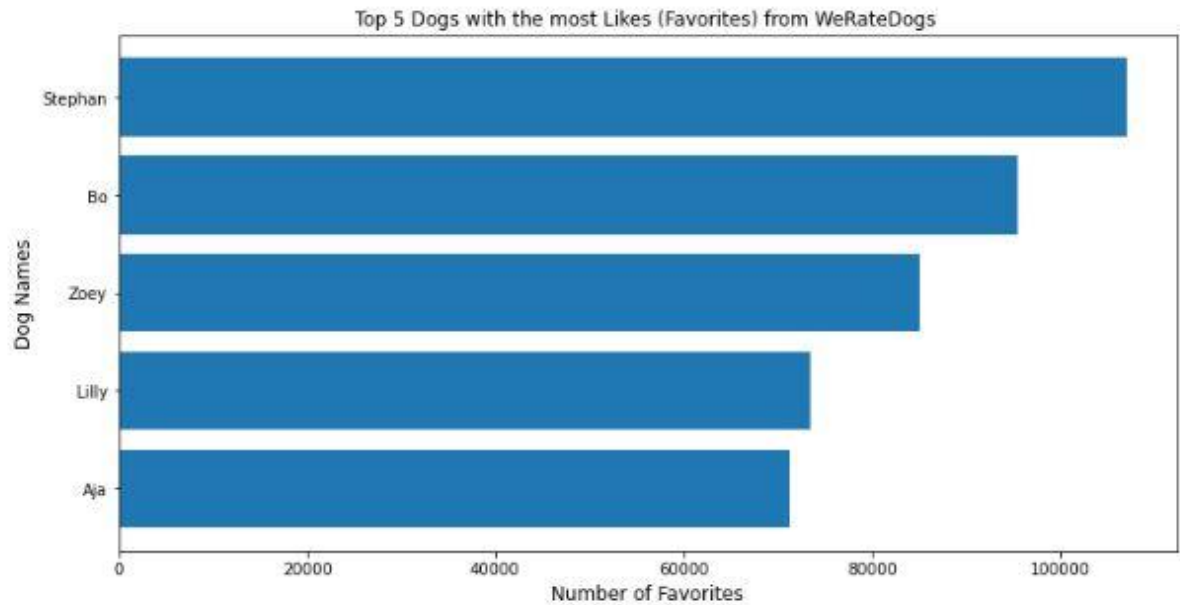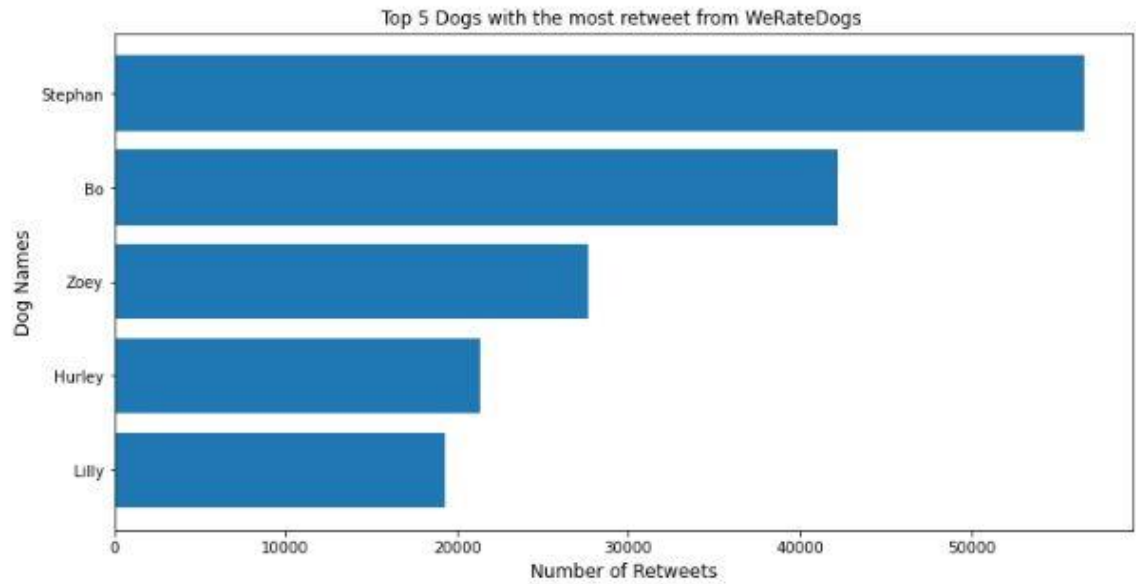Average Number of Favorites (Likes) for each Dog Stage

This shows that Doggo dogs have the highest average retweets and likes followed by puppo dogs

3. This next analysis was done to find the most common dog names. After analyzing for this insight, the chart below was created

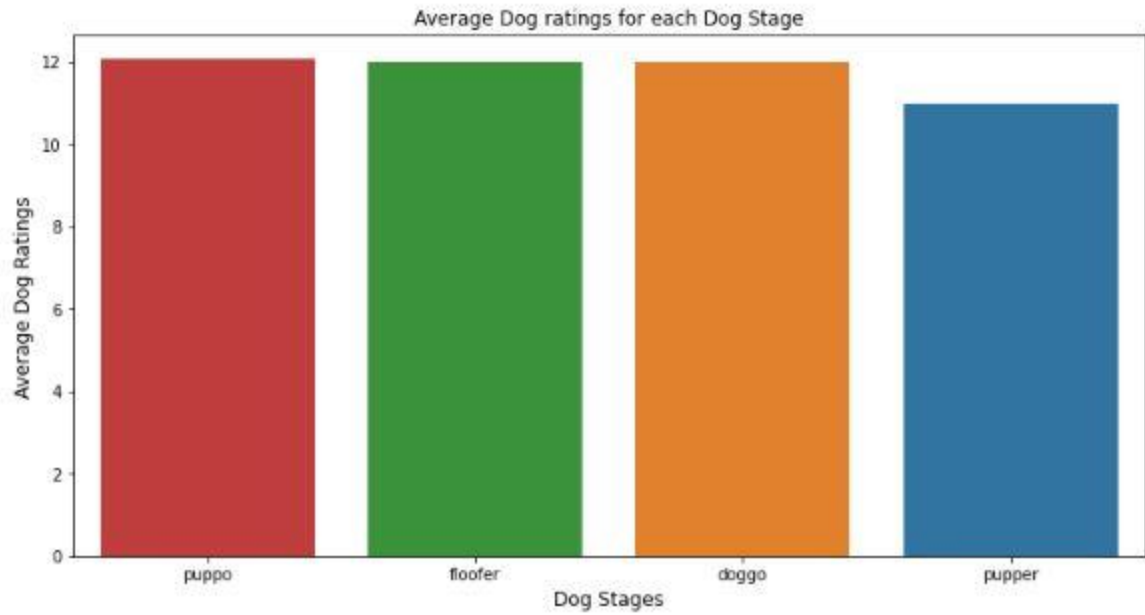Top 10 Popularly Used Dog Names from WeRateDogs

From the chart above, Cooper, Oliver, Tucker, Charlie and Sadie are the most used dog names.

4. The next analysis is focusing on the dogs with the highest retweet and likes. After further investigation, the two charts below were created

Top 5 Dogs with the most retweet from WeRateDogs

Top 5 Dogs with the most Likes (Favorites) from WeRateDogs

From the charts above, Stephan has the highest likes with 56.6k retweets and 107k likes for a post on Stephan.

5. The next analysis would involve finding the average rating per dog stage and check out the most performing dog stage. A chart was created for this analysis

Average Dog ratings for each Dog Stage

From the chart above, Puppo dogs have the best ratings on average then Floofer then Doggo with Pupper being the least.