Act Report

Analyzing and Visualizing Data

The insights and visualizations shown in this report are derived from the wrangled data.

The tweet archive of Twitter user @dog rates, also known as WeRateDogs was wrangled (and analyzed and visualized). This 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.

Google Colab Research Workspace was used to complete the entire project, and Google Docs was used to prepare and export the reports as PDFs.
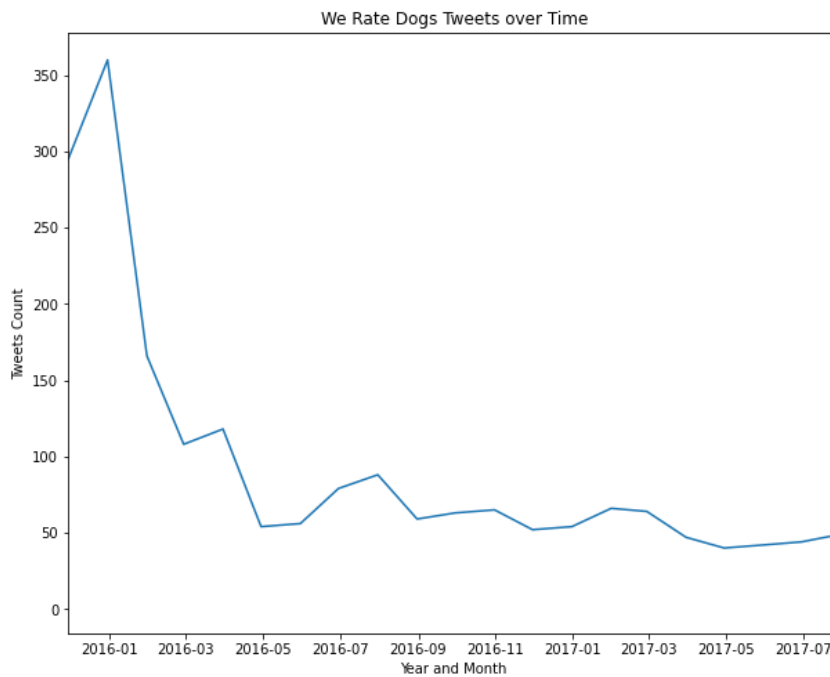
Storing Data

The cleaned data was kept in a 'twitter_archive_master.csv' file that could easily be accessible for data analysis and visualization.

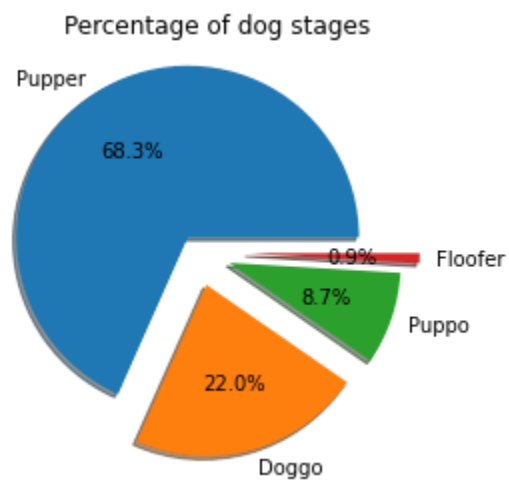## Analyzing and Visualizing Data

Following analysis of the cleaned data, the following conclusions were drawn:

A. Number of tweet as date changes

Over time, the number of tweets drastically reduced, peaking in January and March of 2016 before steadily declining thereafter.

B. The percentage of different dog stages

The following conclusions can be drawn from the pie chart:

1. Pupper was found to have the largest percentage among the other canine stages, with a share of 68.3%, according to the pie chart.
2. With a share of just 0.9%, floofer was shown to have the lowest percentage of all dog stages.

C. Relationship between the number of retweets and the number of favorites.

Relationship between the number of retweets and the number of favorites
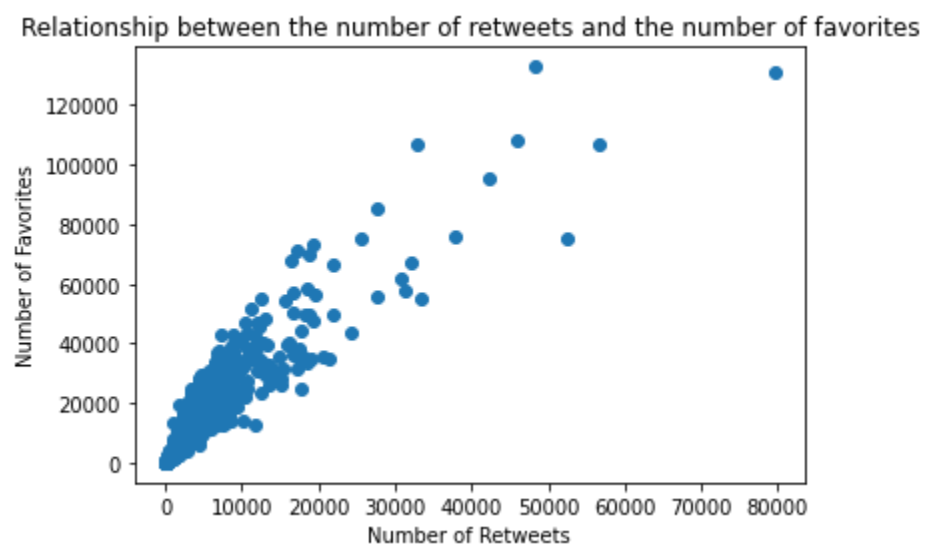
The scatter plot can be used to deduce that the number of favorites and retweets are correlated linearly.