Act Report

This report communicates the insight and displays the visualizations produced from the wrangled data.

The dataset that you will be wrangling (and analyzing and visualizing) is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. 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.

The entirety of the project was carried on Udacity project workspace. However, the report was created and exported as PDF using Microsoft Word.

Storing Data

The cleaned data was stored in a CSV file named twitter_archive_master.csv that could be easily used for analyzing and visualizing data.

Analyzing and Visualizing Data

The cleaned data was analyzed and insights regarding the following were concluded:

A) The percentage of different dog stages
B) The changes in rating overtime
C) The relationship between retweet count and favorite count.

A. The percentage of difference dog stages

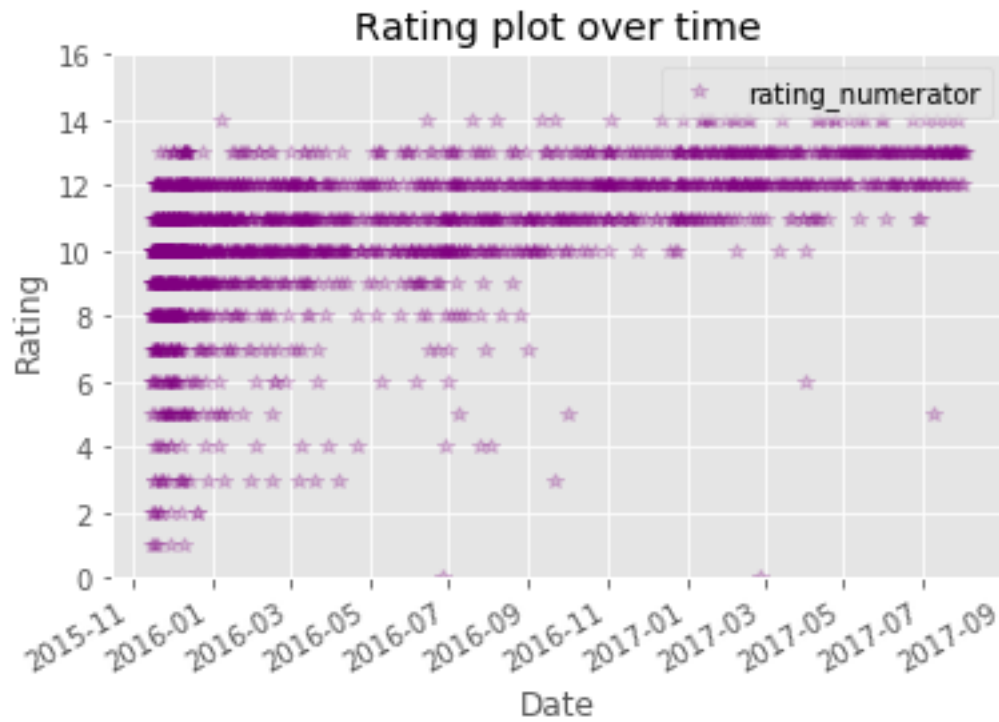A pie chart was drawn to represent the findings.

Percentage of dog stages
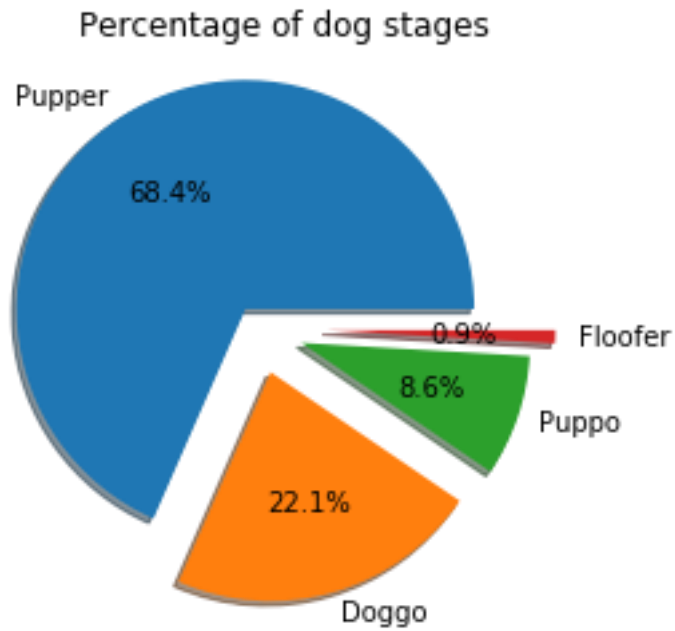
From the previous pie chart, it could be concluded that:

1. Pupper was found to have the highest percentage among other dog stages with a share of 68.4%.
2. Floofer was found to have the lowest percentage among other dog stages with a share of 0.9%.

B. The changes in rating overtime
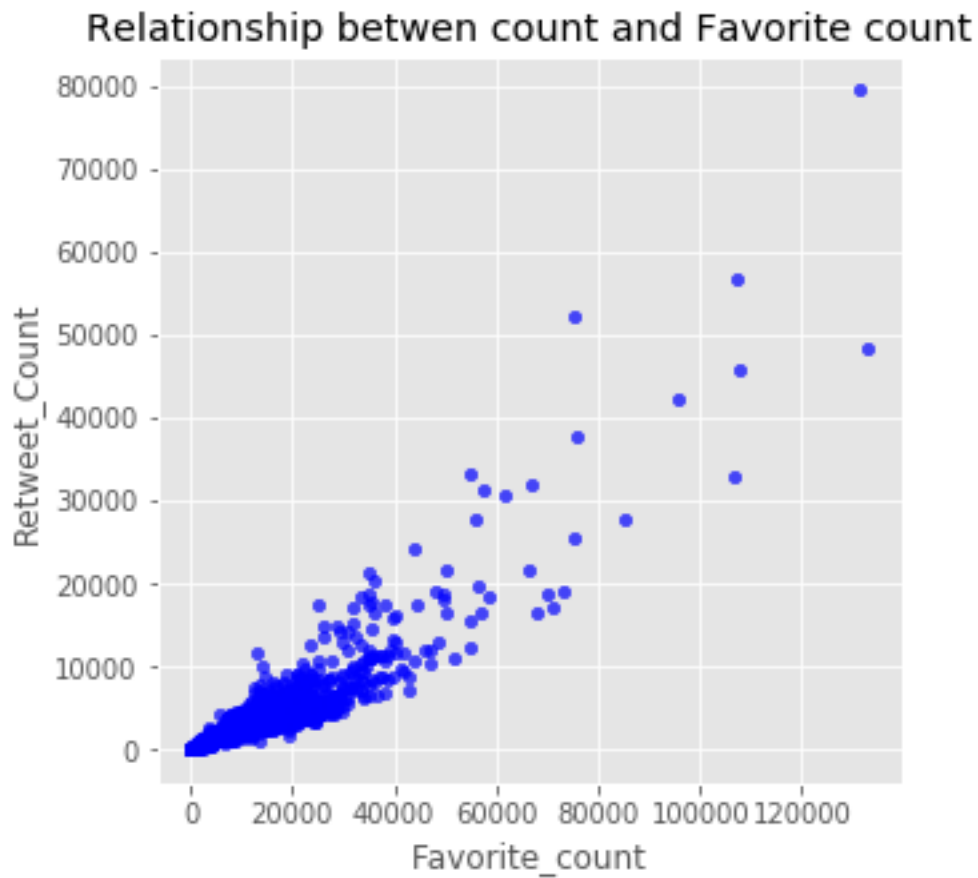

Rating plot over time

From the previous pie chart, it could be concluded that:

1. Numerator rating 12 is most common by date wise plot.
2. Most ratings from September 2016 has been between 10 to 14.

C. **The relationship between retweet count and favorite count.**
A scatter diagram was drawn to represent the findings.

Relationship betwen count and Favorite count

1. From the previous scatter plot it could be concluded that there is a linear relationship between retweet count and favorite count.
2. As favorite count increases retweet also increases