Data Wrangling act_report
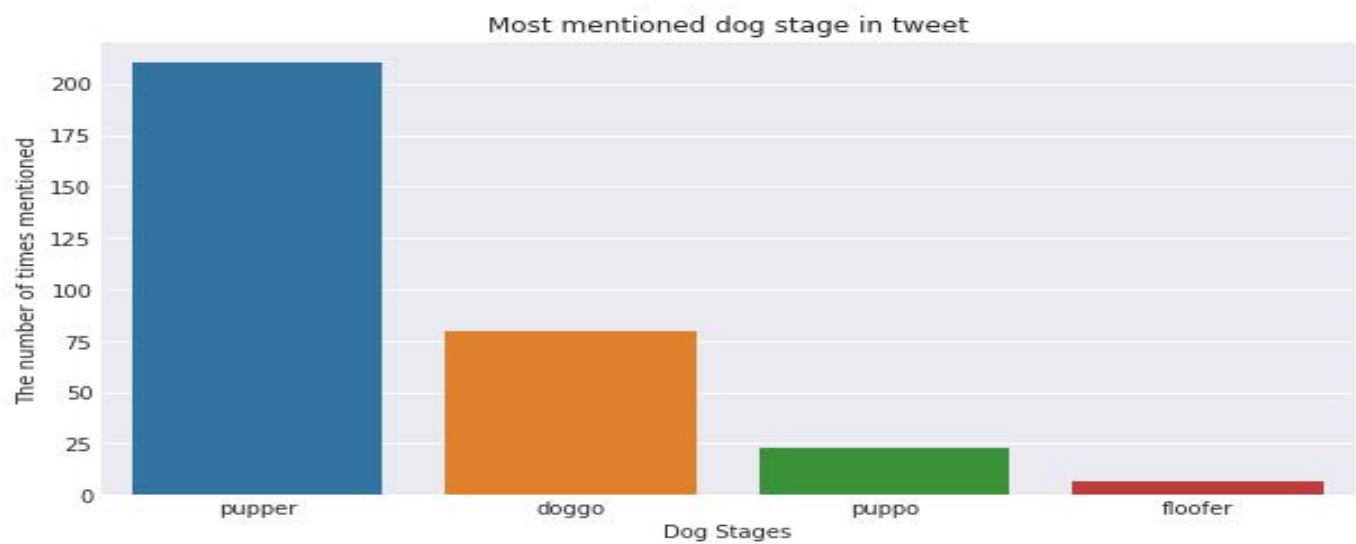
This document contains the insights generated from analysing the WeRateDogs dataset

Below are the insights derived while analysing our dataset;

1. Their were four main developmental stages of dog from the dataset.

2. **Pupper** is the highest mentioned dog stage followed with **doggo, puppo and floofer** being the least.

3. We identified three major sources of tweet **Twitter for iPhone,TweetDeck and Twitter Web Client**

4. The major source of tweet was **Twitter for iPhone** with over 1955 tweet count followed by **Twitter web client** of 28 and **TweetDeck** 11 being the least.

5. 98% of tweets were generated from **Twitter for iPhone**

6. The dataset contained over 2073 unique tweets.

7. 18.75 average number of tweets were created on the beginning day of year 2016 and has been decreasing since then.

8. The count of Retweet tends to stay on the same level, while favorite count tends to increase overtime.
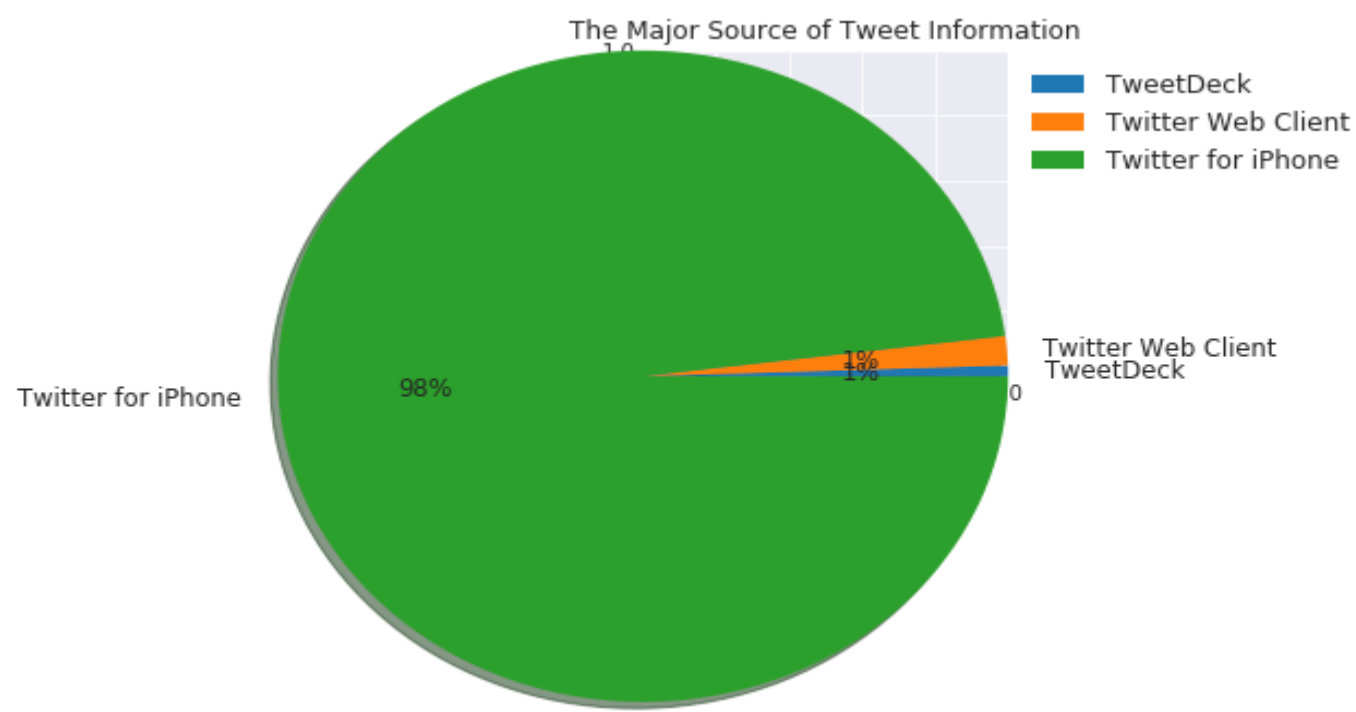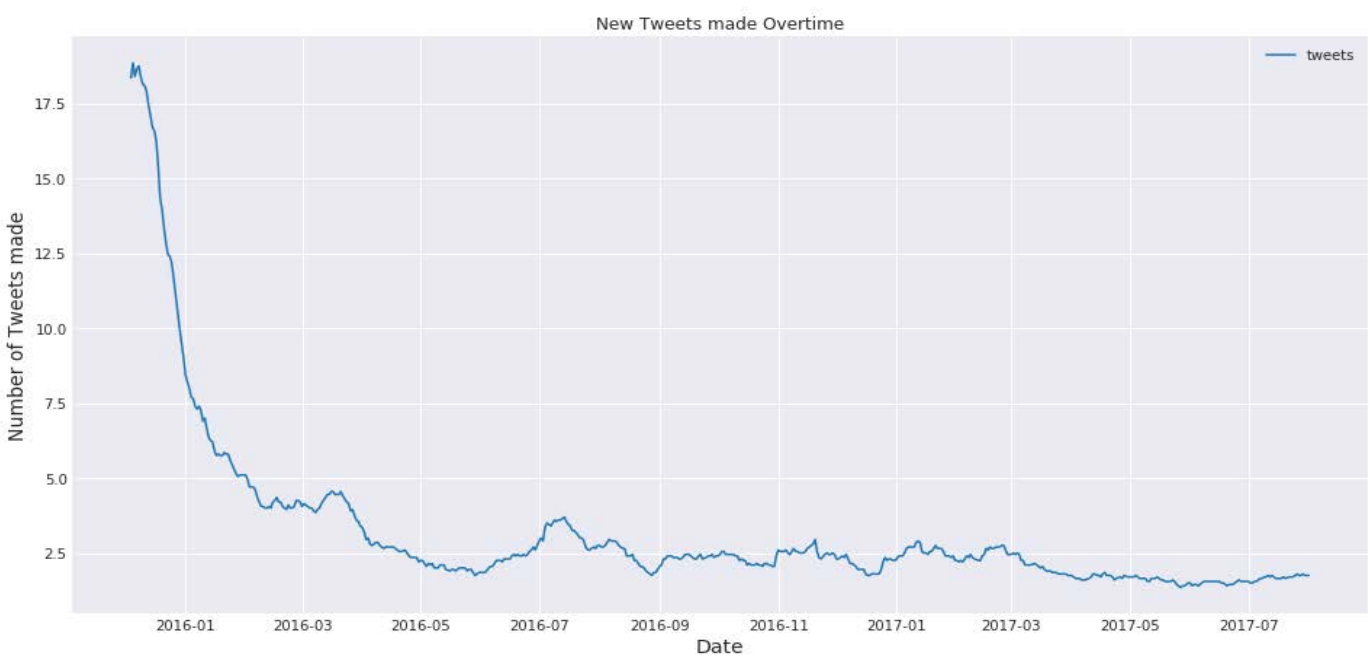
Visualization

Bar chart

The above bar chart is a visual representation of the most mentioned dog developmental stage, showing Pupper as the most mentioned greater than (>) 200
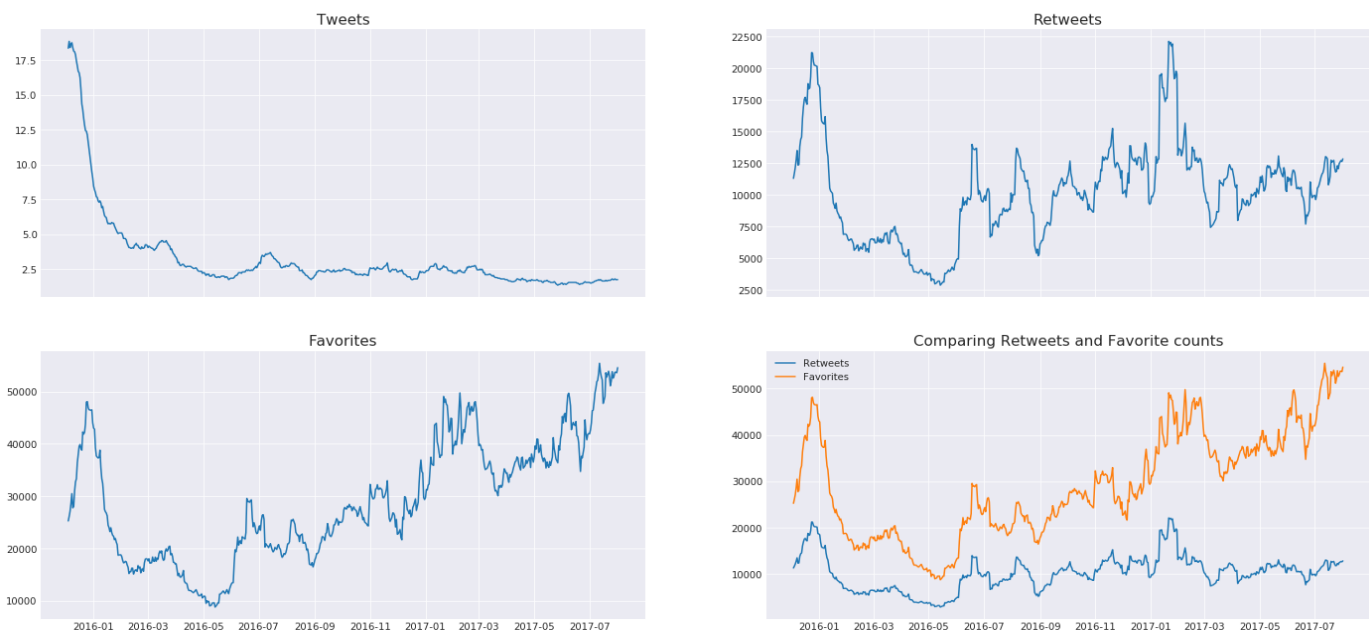
Pie chart

Pie chart despites the percentage values of the three (3) major sources of tweets with Twitter for iPhone being the most source with over 98%

Line chart

This chart was plotted to display the difference between the original trend in tweets with favorite couts and retweet counts trends overtime