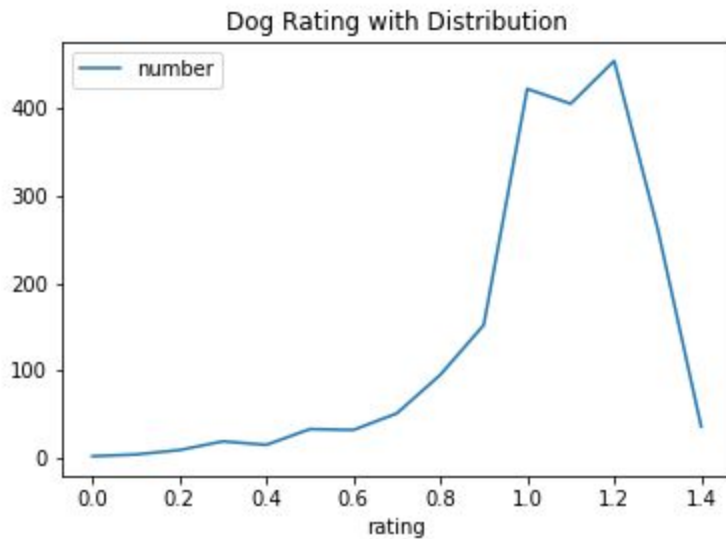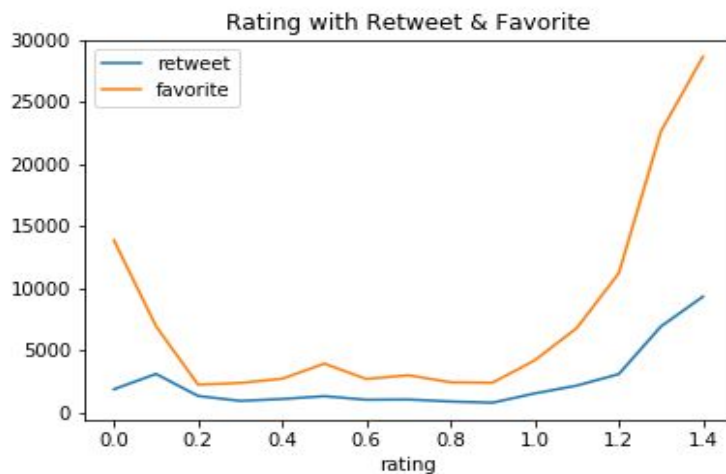# Act Report

Norah Alotaibi

June 30, 2019

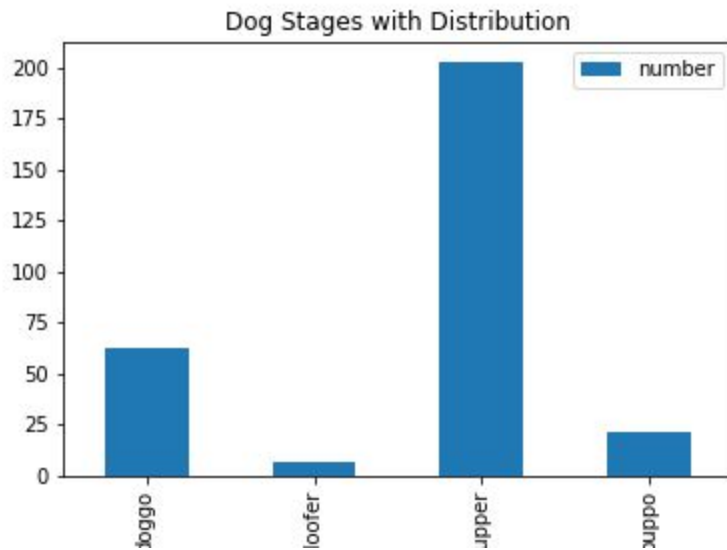## Analyzing and Visualizing Data

Graph 1: Rating with Dogs Numbers.

This graph shows the distribution of rating. As you can see, the rating from 0.0 to 1.4. Also, it shows the most common rating are 1.0 ,and 1.2. However, other rating range from 0 to 0.8 not using frequently.

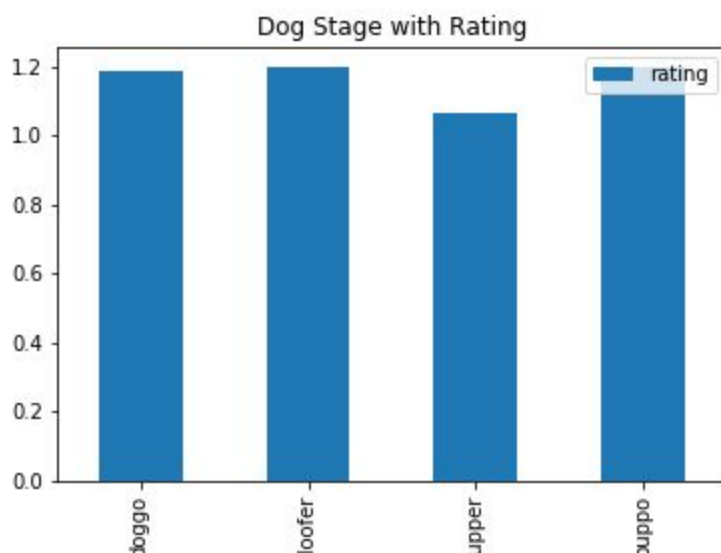*Graph 2: Favorite and Retweet with rating*

This chart illustrates favorite counts are higher than retweet counts. In addition, it shows the most common rating is 1.4 in the favorite counts and retweet counts. On the other hand,posts with rating range between 0.2 to 1.0 gets the lower favorite counts and retweet counts.

Graph 3: Dogs stage with dogs numbers
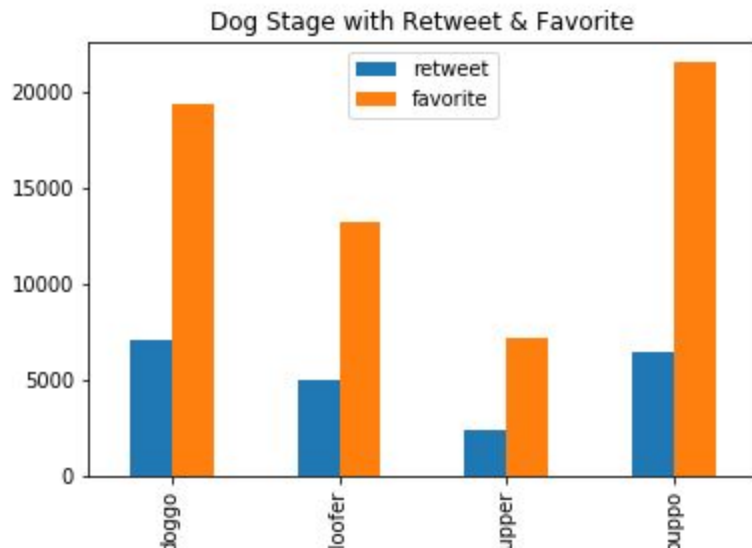

Dog Stages with Distribution

This chart illustrates pupper has the highest number between the four dog stages. However, floofer has the lower number between the four dog stages.

Graph 4: Dogs stage with rating
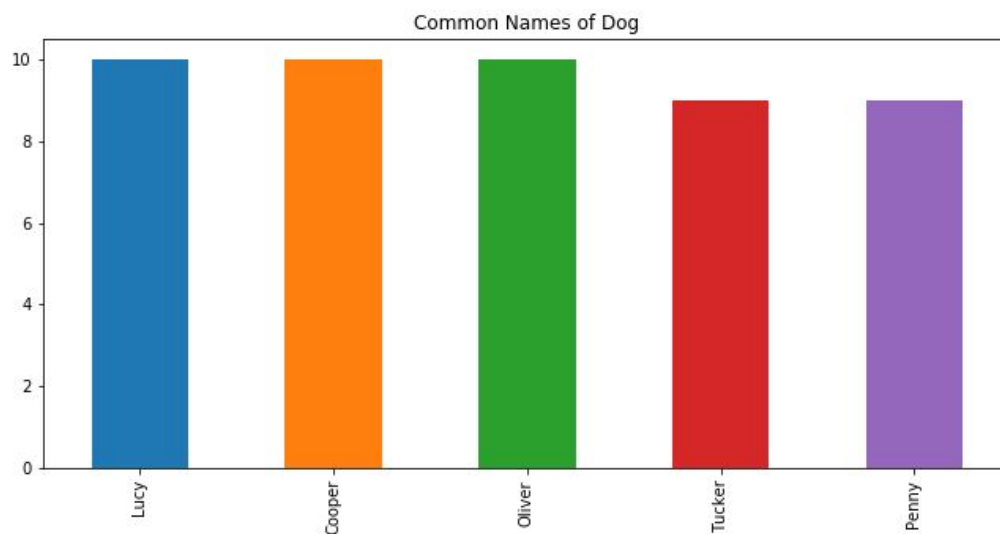

Dog Stage with Rating

This chart illustrates pupper has the lower rating between the four dog stages. However, floofer, doggo, and puppo have the highest rating between the four dog stages.

Graph 5: Dogs stage with Favorite and Retweet

This graph shows doggo and puppo have higher favorite counts and retweet counts, whereas pupper and floofer get the lowest favorite counts and retweet counts.

Graph 6: Top 5 common names of dogs

This graph displays the most common names of dogs which are Lucy, Cooper, Oilver, Tucker, and Penny.

Overview Statistics:

	in_reply_to_status_id	in_reply_to_user_id	retweet_count	favorite_count	rating
count	1.991000e+03	1.991000e+03	1991.000000	1991.000000	1991.000000
mean	8.061103e+15	4.848349e+07	2766.526871	8899.343044	1.055450
std	7.472583e+16	4.485921e+08	4678.024127	12221.969511	0.217822
min	0.000000e+00	0.000000e+00	16.000000	81.000000	0.000000
25%	0.000000e+00	0.000000e+00	623.500000	1976.000000	1.000000
50%	0.000000e+00	0.000000e+00	1350.000000	4127.000000	1.100000
75%	0.000000e+00	0.000000e+00	3220.000000	11321.000000	1.200000
max	8.558181e+17	4.196984e+09	79515.000000	132810.000000	1.400000

According to the table above, it is shown the overview statistics for clean data. The mean for rating is 1.055. And, the maximum rating is 1.4 whereas the minimum rating is 0.