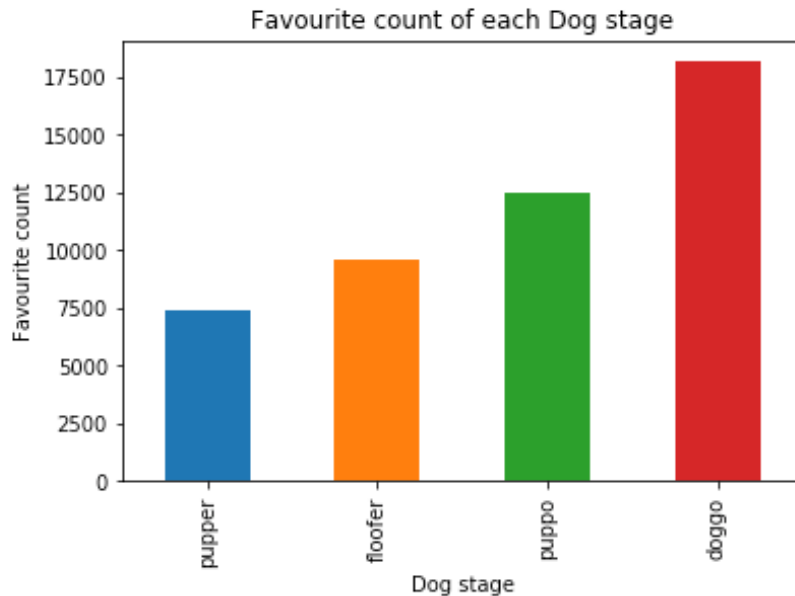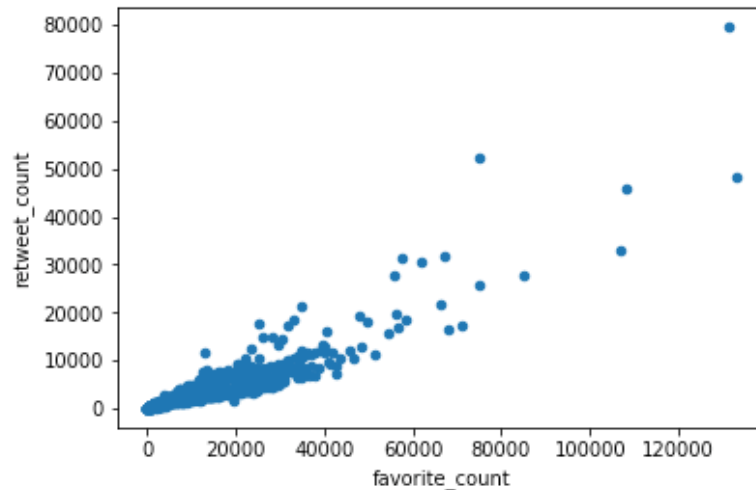# Act report

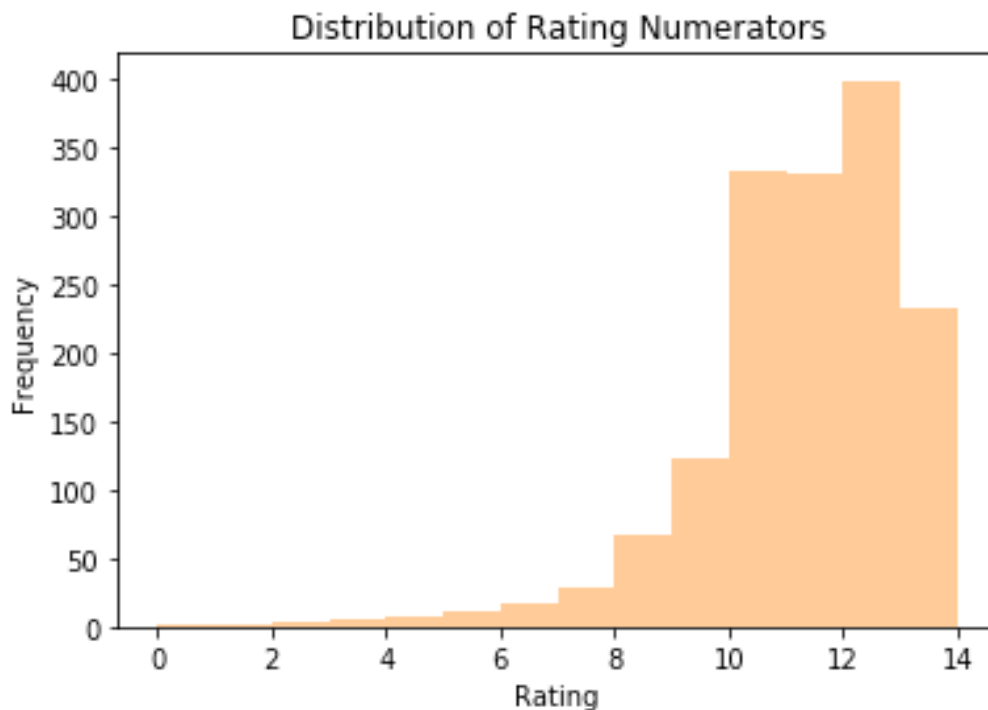## 1. Which dog is the most popular dog in this final clean data?

I sum counts for each dog stage, turns out that there are 117 people post their dog at pupper dog stage, 40 doggo, 15 puppo and only 5 floofer. Since each dog stage has different total number, I can't sum their favorite counts and compare them together. Therefore, I calculate the mean favorite counts of each dog stage. Pupper has 7410 favorite counts, and floofer has 9559 favorite counts, puppo has 12521 favorite counts, doggo has 18168 favorite counts. I used a bar chart to make the comparison of the favorite counts obtained by different dog stages more obvious. People prefer dogs in the doggo stage.

2. Relationship between favorite_count and retweet_count

I would like to explore the relationship between favorite counts and retweet counts through scatter plots. The above graph clearly shows that as favorite counts increases, retweet counts increases as well. The relationship between the two variables is positive correlation. This conclusion is expected because most people are prefer giving a thumb and retweet it, sharing with more people.

3. Which rating is the most common?

Distribution of Rating Numerators

Since I re-extracted the rating data from the text, the denominator of all scores is 10. I obtained the above graph by counting the distribution of the number of numerators. From the graph, we can see that relatively few people score less than 8, and most people prefer to give 9-13 points. This shows that most of the people are satisfied with their dogs.