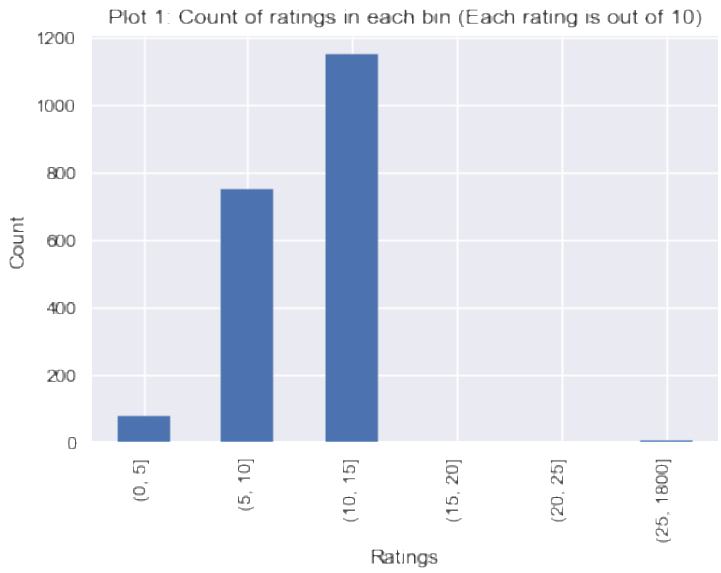
Visualizations and Insights

The visualizations and the insights drawn here are for 'WeRateDogs' twitter data archive that was wrangled and analyzed as part of the Data Wrangling Project work.

Below are the three visualizations created and insights drawn from them.

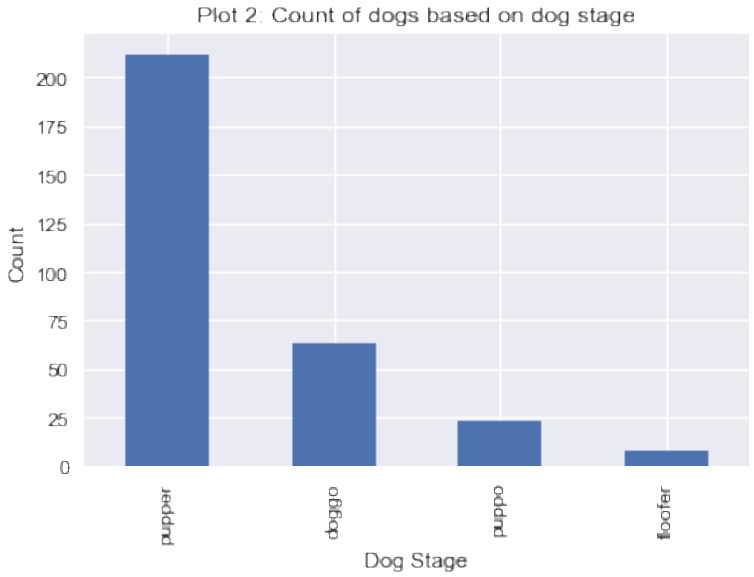
Plot 1: How do users rate the dogs?
As the ratings are the key highlight of this dataset, my first visualization shows the distribution of ratings in cases where they were available and also when they were on a scale of 10.



Insights for plot #1
As can be seen from the plot #1 above, out of 1997 users:

- around 1150 of the users (approx. 57%) rated dogs in range (10,15] i.e. above 10 but less or equal to 15.
- around 750 users (approx. 37%) rated dogs in the range (5,10]
- around 80 users rated dogs in the range (0,5].
- there is one outlier with rating 1776/10.

Plot 2: How many dogs are there in each stage?
The second visualization categorizes the dogs based on their dog stage viz. puppo, pupper, doggo or floofer.



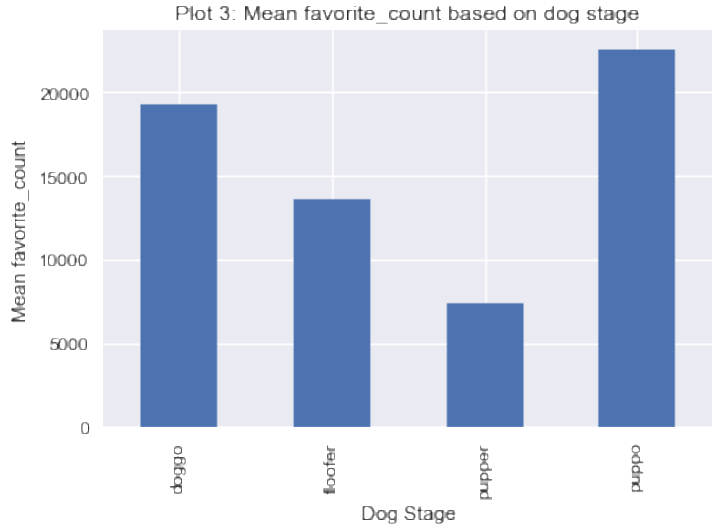
Insights for plot #2

Out of the total 306 tweets that indicate dog_stage:

- around 210 (approx. 68%) have 'pupper' stage
- around 60 (approx. 20%) have 'doggo' stage
- around 20 (approx. 6%) have 'puppo' stage
- around 10 (approx. 3%) have 'floofer' stage

Plot 3: Dogs in which stage are favorited more?

In my last plot I want to see how the favorite_count changes based on dog_stage.



Insights for plot #3

Based on plot 3, we see that dogs in the 'puppo' stage have highest number of mean favorite_count, followed by 'doggo', ‘floofer’ and ‘pupper’ stages.