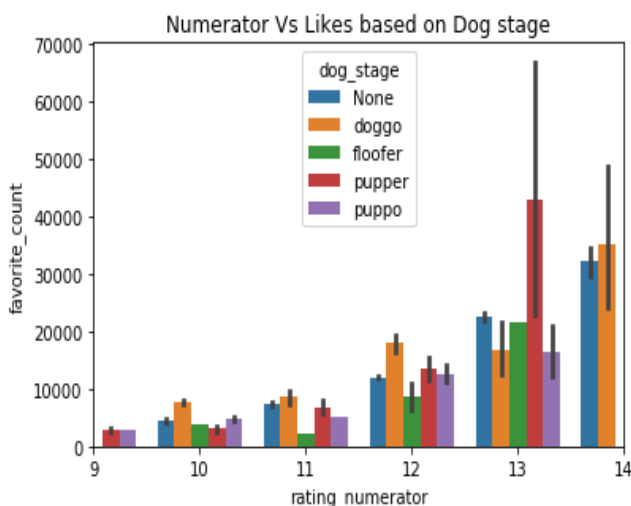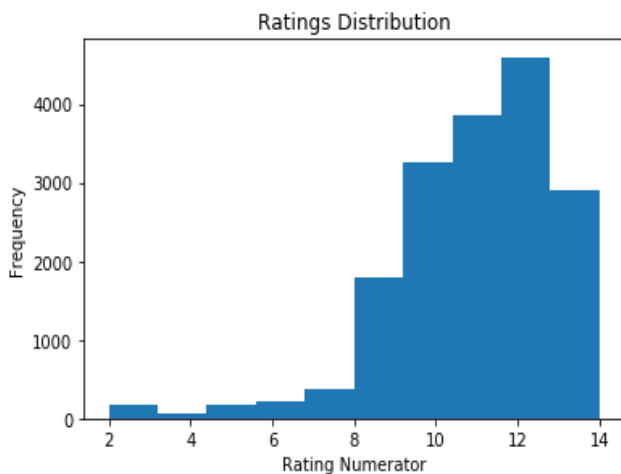# Act Report

WeRateDogs is a [Twitter](#) account that rates people's [dogs](#) with a humorous comment about the dog. In this project I have tried to wrangle and analyze the Twitter data. This report provides insights into what I have found so far.
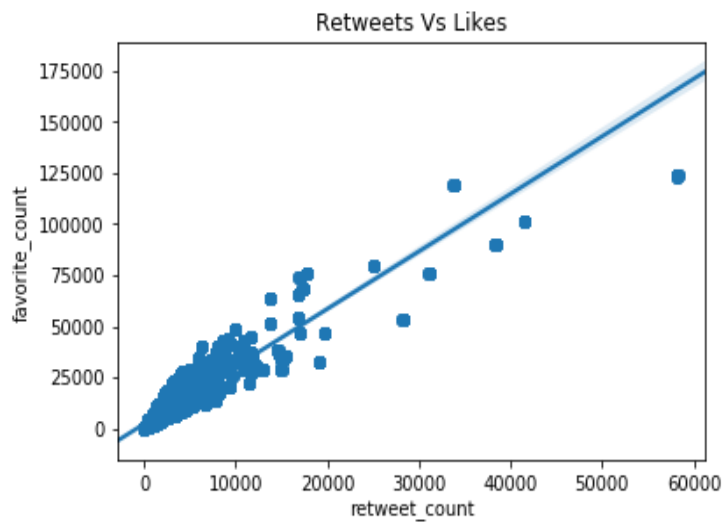
Descriptive statistics

- As we can see that the mean rating numerator is 12. 12 seems to be the most rated numerator, followed by 11, 10 and 13. There are a couple of outliers 1776 and 75.
- The maximum rating numerator is 1776. The name of the dog who is highest rated is Atticus.
- The mean number of likes is 10109.31
- The maximum number of likes is 123552. The minimum number of likes is 98.
- Pupper is the most common stage of the dog.
- Henry and Crystal have been rated the lowest with numerator of only 2. However, it is important to note that Crystal has more than 5600 likes and Henry has 1600 likes, which means that the ratings are not based on the likes.

Ratings Distribution

Observations from the graphs

- From the Rating distribution histogram on their left, we can see that the graph is left skewed. The peaks of the graph is at 12 making it the most rated numerator.

Numerator Vs Likes based on Dog stage

- The bar plot in the left gives us an idea of how the rating numerator at different dog stages affects the number of likes. we can see at the most rated numerator 12, doggo has the greatest number of likes, Followed by pupper, puppo and floofer. We can also see that at numerator 14 doggo is the only dog that has likes. Also, it is important to note that many dogs are not classified.

Retweets Vs Likes

- From the regression plot on the left we can clearly see that the number of likes and the retweet counts has a strong positive relationship. This makes sense, as the likes increases the number of retweets increases as well.