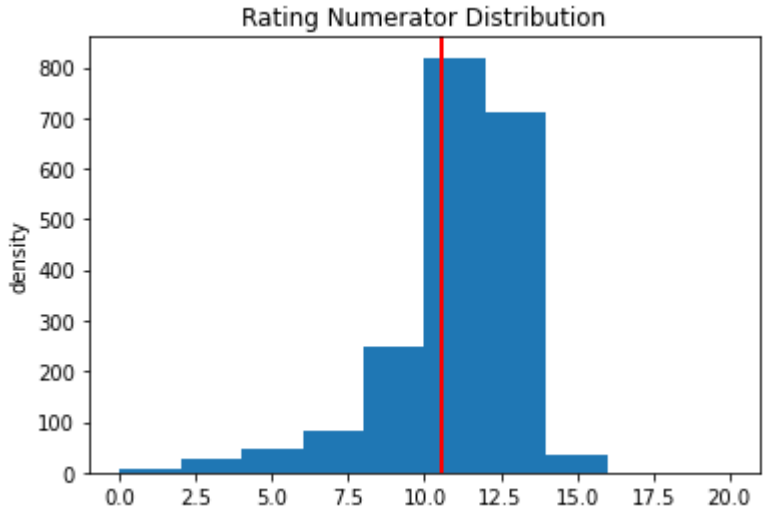
Act Report

In this report I will communicate all the insights during my analysis. Which was about the twitter account WeRateDogs which is a famous twitter account for dogs rating and the dogs are from people submitting their dogs' photos. These visualization were created by the data i analyzed in the jupyter notebook file, which were the twitter archive, the images dataframe, and finally the data from the twitter API.

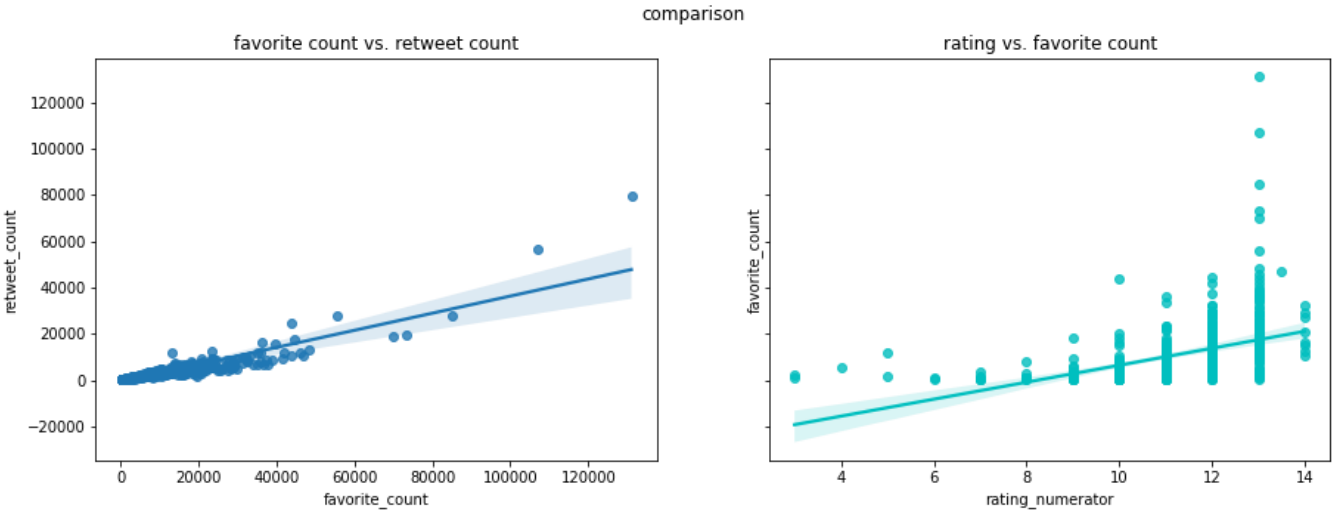
1. I wanted to check the average rating numerator distribution



From all the 1979 rows i analyzed, the average numerator rating is 10.55, which obviously higher than the denominator, 10, more than 50% of the dogs were rated higher than 10. And this is because the rating system isn't systemic. Which should be always set as 10 for easier analysis.

2. Secondly, I wanted to see the moving average and how the rating changes over time, as we can see the rating increased over time. Before 2016 it was less than 11 and then after that it was gradually increased with time.

3. Correlation plots shows that both parameters are positively correlated. The one on the left shows that as favorite count increases the retweet increase. The one on the right as the rating numerator increases the favorite will be more.



4. Then, I wanted to check how the retweet count and favourite count are correlated and whether they are also correlated with dog rating. I made a scatterplot matrix for those three parameters. As we can see most of them are positively correlated