

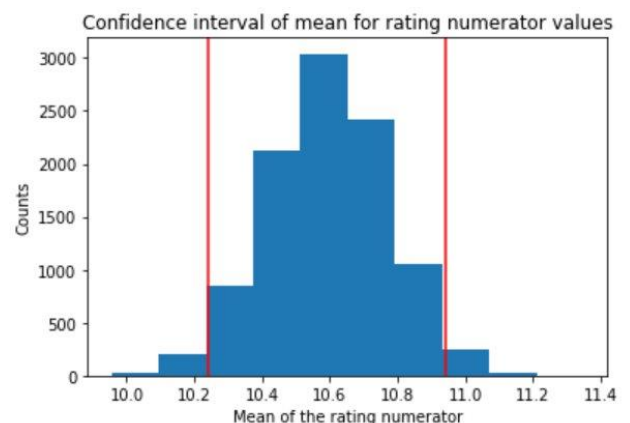
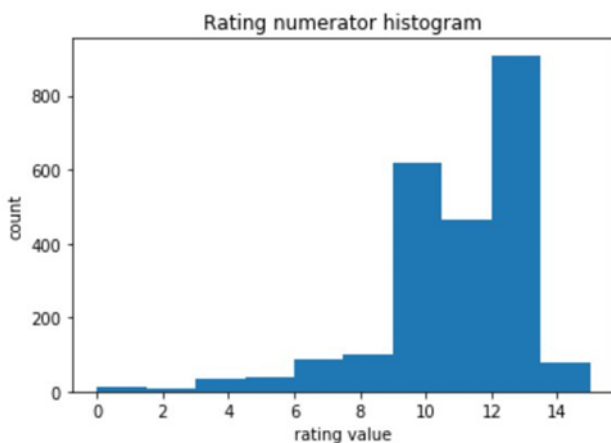
WeRateDogs



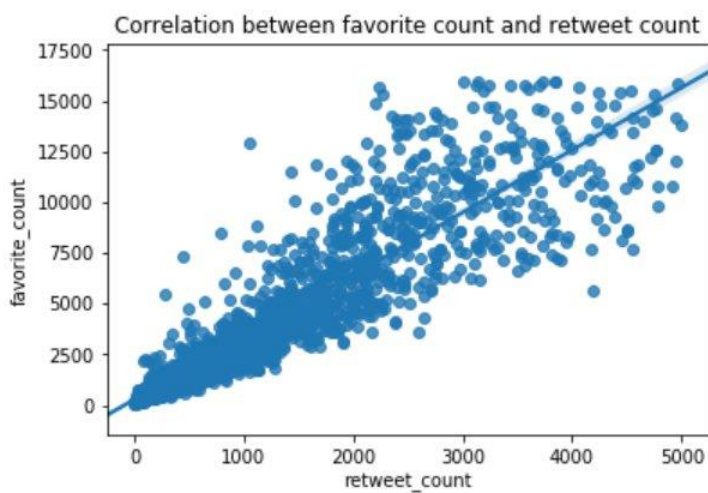
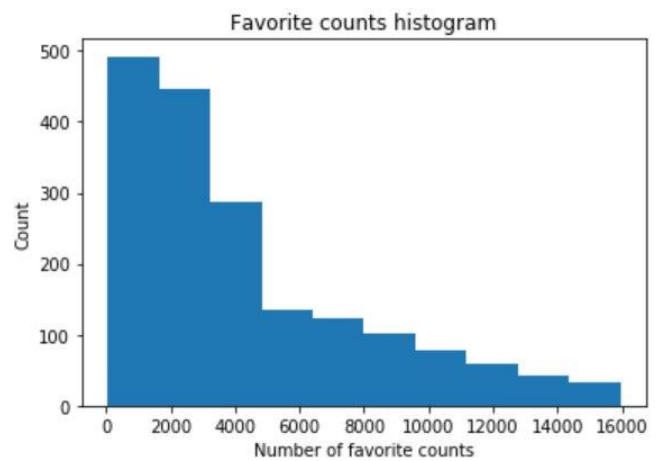
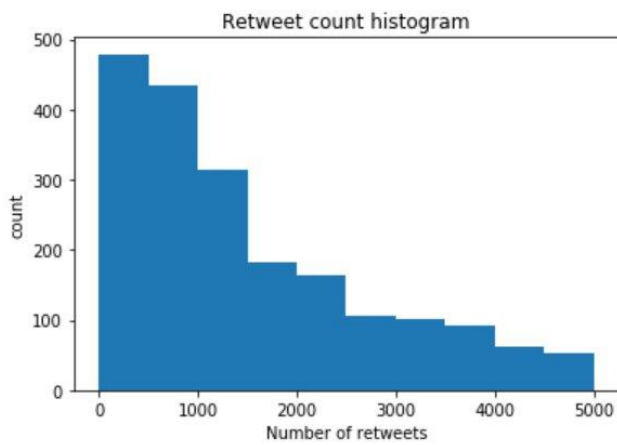
You like dogs, don't you? I doubt that you can pass by a nice little dog without a smile. If so, you should take a look at Tweet WeRateDogs @dog_rates where you can find thousands of tweets with pictures of cute dogs. You won't believe but 7.48 mlns viewers read this page, rate dogs, retweet tweets and add to favorite. An interesting fact about the dog rating system is that the score can be granted above 10 out of 10, i.e. it can be 15 out of 10 or 1000 out of 10. Why dogs are given such outrange number is because *"they're good dogs Brent"* as it is

stated in the article: <https://knowyourmeme.com/memes/theyre-good-dogs-brent>.

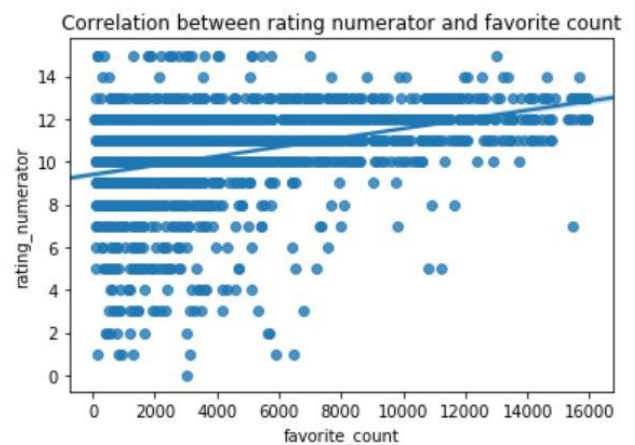
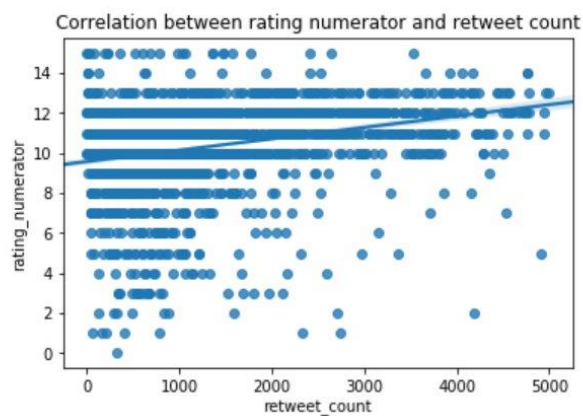
Because of such popularity of this page, we decided to dive into some number and extract statistics from the tweets. Omitting details about how the data was gathered and cleaned, I would like to point out one important fact that we assume that the maximum value of the rating numerator is 15 and everything above are outliers. For all outliers we change the numerator value to 15. Similar correction were made for favorite_count and retweet_count except that we just ignore the outliers in these two cases. Without further delay, let's look at plots and numbers.

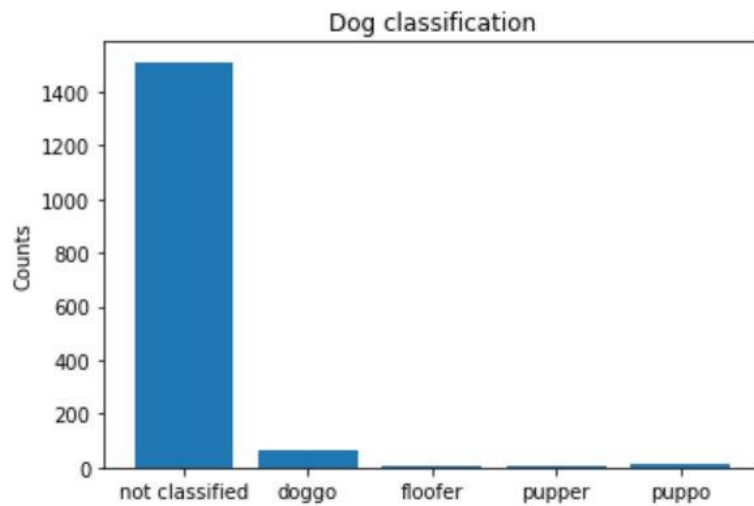


We can see that the rating numerator histogram is skewed to the left. Moreover, we defined the confidence interval and with the certainty 95% we can say that the mean value of the numerator will be in between 10.24 and 10.94.



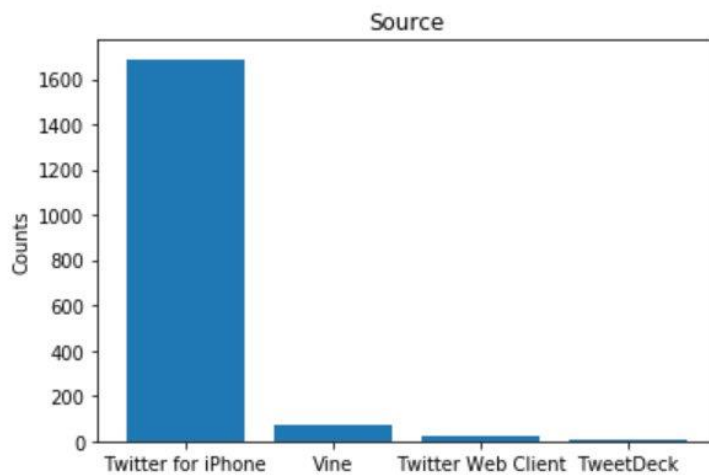
Oppose to rating numerator histogram we can see that retweet counts histogram and favorite counts histogram are right skewed and have mean, standard deviation: 1492.06, 1252.03 and 4310.27, 3760.20 respectively. Both of these parameters have strong and positive correlation with correlation coefficient +0.898. It is interesting to note that retweet count with rating numerator and favorite count with rating numerator have positive weak correlation with correlation coefficients 0.277 and 0.357 respectively:





In addition to what have been discussed so far, dogs are classified as doggo, floofer, pupper and puppo. Unfortunately, in most tweets they are not classified as it shown on a bar chart.

Finally, it is interesting to note that iPhones are used as a source device for the tweets in most cases:



To sum up, I can say that dataset was investigated obtained from dog rating page on Tweeter. I hope that you were convinced according to the analysis and visualization shown here that this page is extremely popular and it deserve your attention.