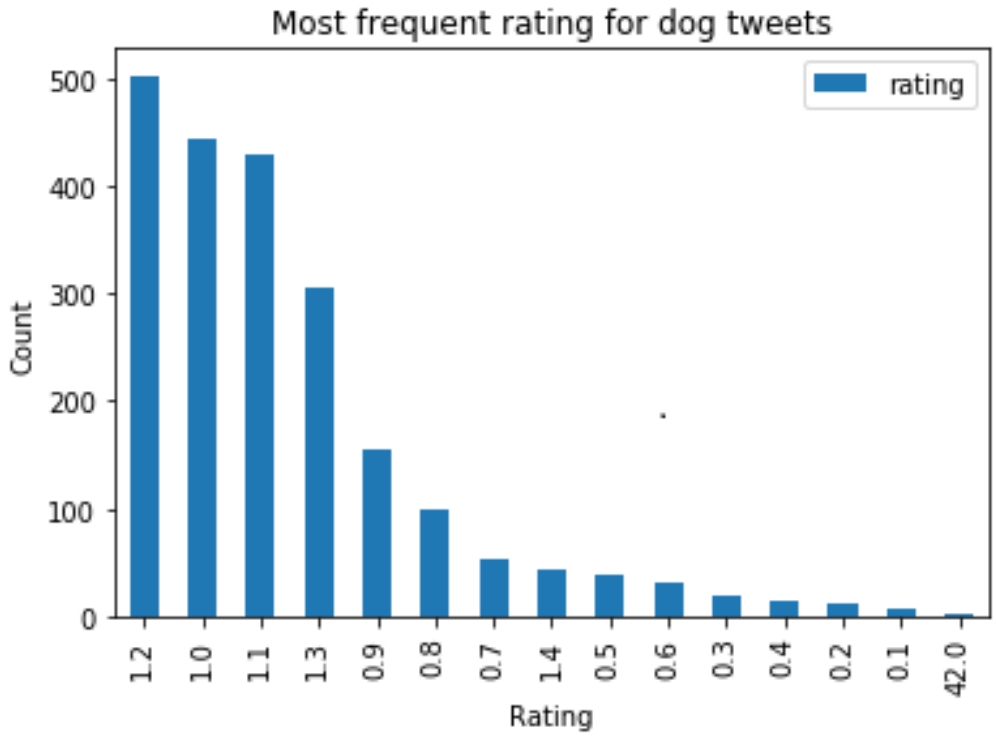
WeRateDogs Twitter Account

Before five years, if someone said that you could make a carrier in twitter by rating dogs, you would probably be laughing hearing that. But today, it has turned true. There is a twitter account named WeRateDogs that rates people's dogs with humorous content about the dog. It was started in 2015 by college student Matt Nelson, and had received international media coverage due to its popularity.

The best part about this WeRateDogs twitter account is their rating system. The interesting thing about this rating system is that ratings are given excess of the maximum such as 11/10, 13/10 etc.…

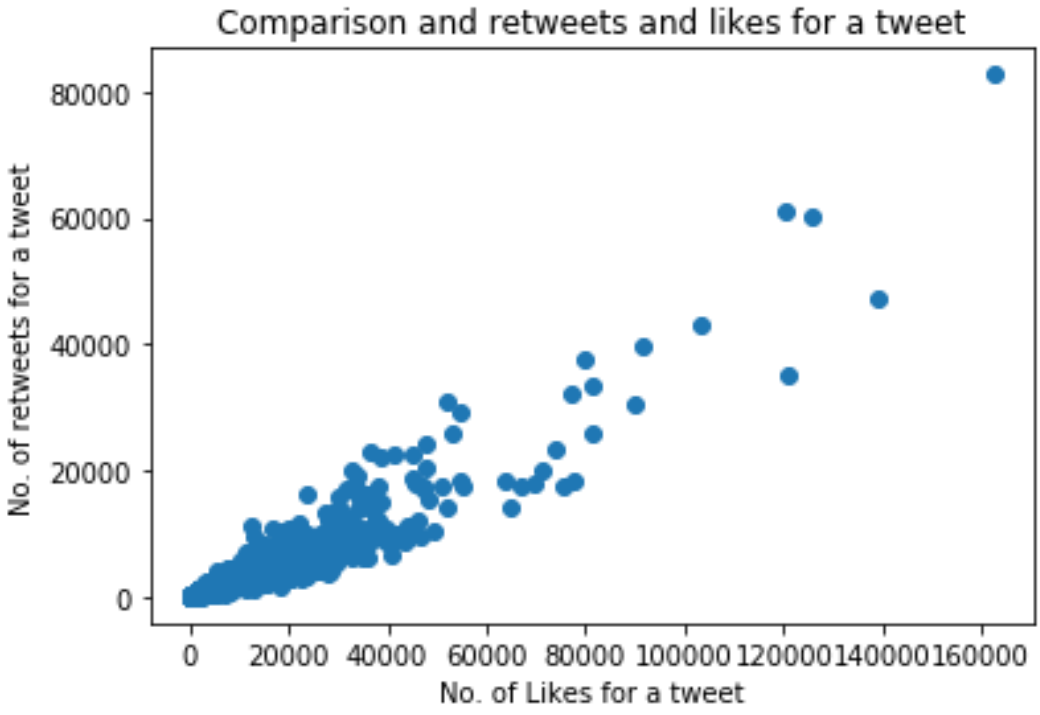
So let us try to analyze what frequent rating is given to most no. of dogs.

On analyzing a set of twitter archive data, we found that 12/10 rating is given to most no. of dogs followed by 10/10 and 11/10.



(NOTE: Rating of 1.2 indicated 12/10, 1.1 indicates 11/10 and so on…..)

This WeRateDogs twitter account is so famous because their tweets get a wider reach. In other words their tweets and liked and retweeted by many people. As these two are major factors for a tweet in twitter, we tried to analyze these factors. Is there any relationship between no. of retweets and no. of likes for a WeRateDogs tweet? Let's find out.



The above graph is comparison between likes count and retweet counts for tweets from WeRateDogs Twitter account. Looking at the above graph, we can say that as likes count increases, the retweet count increases too. I.e. there is a linear relationship between likes and retweets count.

We know that WeRateDogs twitter account gives rating to dogs via a tweet and these tweets are liked/retweeted by many people. So does the likes /retweet count depend on tweet rating? Only tweets with high rating gets high retweets or are these both independent of one another? Let's find!!

So again we gathered twitter archive data to find is there any relationship between rating and like/retweets. We gathered the data and tried to find the correlation between these things. Correlation is a statistical technique that shows whether/how two variables are strongly related.

	tweet_id	rating_numerator	rating_denominator	rating	retweet_count	favorite_count
tweet_id	1.000000	0.044671	-0.022980	0.049662	0.363763	0.587574
rating_numerator	0.044671	1.000000	0.181335	0.982946	0.011262	0.009467
rating_denominator	-0.022980	0.181335	1.000000	-0.002120	-0.020149	-0.026425
rating	0.049662	0.982946	-0.002120	1.000000	0.015071	0.014378
retweet_count	0.363763	0.011262	-0.020149	0.015071	1.000000	0.928029
favorite_count	0.587574	0.009467	-0.026425	0.014378	0.928029	1.000000

The above shows the correlation value of different variables.

(NOTE: If correlation value is nearer to +/- 1.0, there is a strong relationship between variables. If value is nearer to 0, there is no relationship)

The value between ratings and likes/retweets count is 0.015 and 0.014 respectively which indicates that there is absolutely no relationship between these two variables. No. of likes and retweets are independent of ratings given for a tweet.