

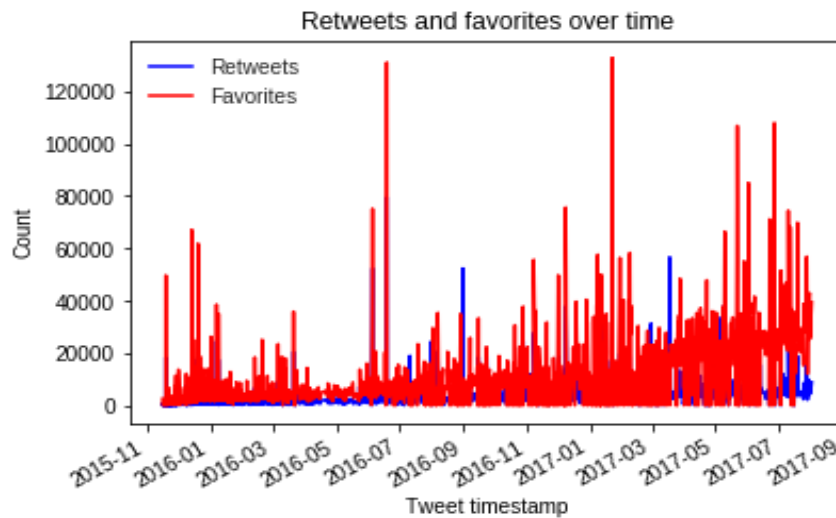
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INTRODUCTION

This is an analysis of tweets from the WeRateDogs twitter account. The analysis revolved around the trend in popularity over time of the WeRateDogs account, based on the number of favorites and analysis of the rating scores over time.

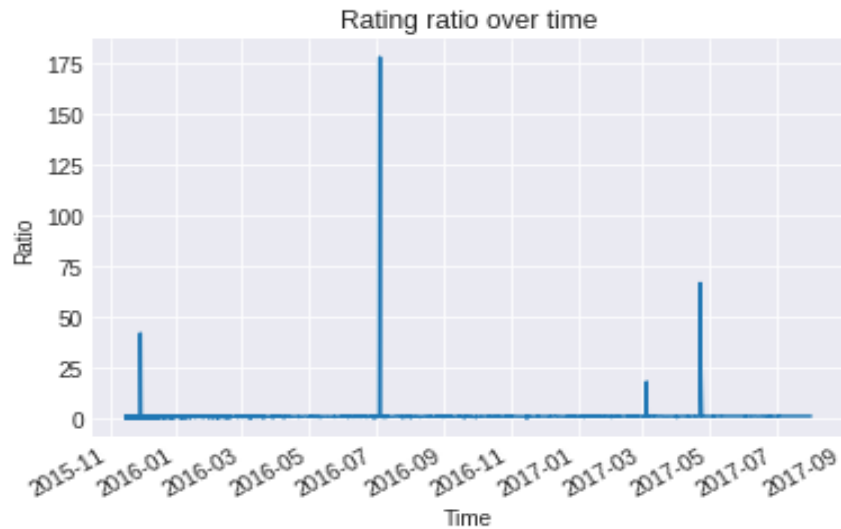
ANALYSIS

In my analysis, I discovered a trend in the retweets and favorites counts over time. Presumably as the account became more popular, this trend increased.



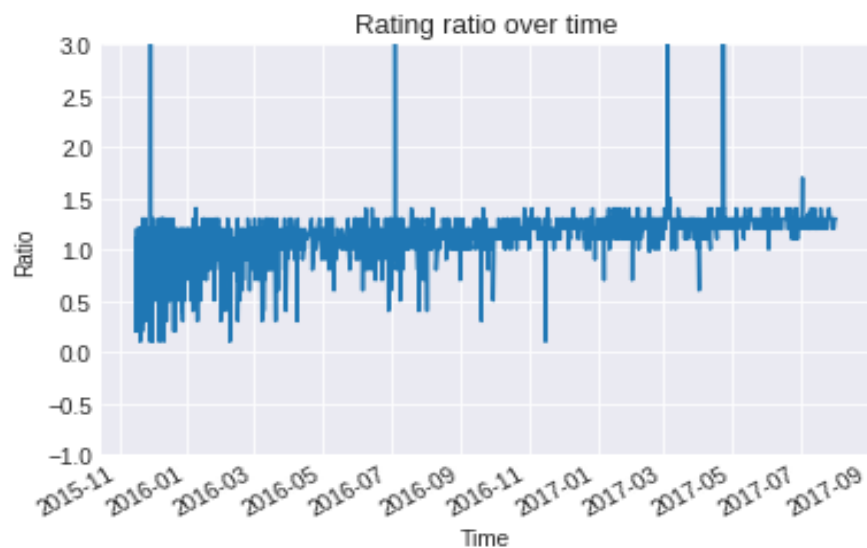
In the chart above, we see an upward trend for both favorites and retweets. There is a more obvious increase in favorites when compared to retweets. Also, there are several large outliers in favorites for extremely popular tweets.

The dog ratings are usually a number 10. However, there is a fair number of ratings that use a scale other than 10. In order to normalize the ratings, I created a ratio of the rating numerator over the denominator. When this is plotted, we see a few extreme outliers.



It is possible that the outliers are ratings done for dramatic effect.

If we limit our view of the y axis to ignore the outliers and view the whole of the data, we can get a better understanding of the rating ratio trend.



In the plot above, we can see that a number of dogs received zero scores or scores close to zero. We can also see that lower scores are generally given earlier on in the dataset. Over time, the scores trended towards a ratio higher than 1:1 with far fewer outliers than 1.