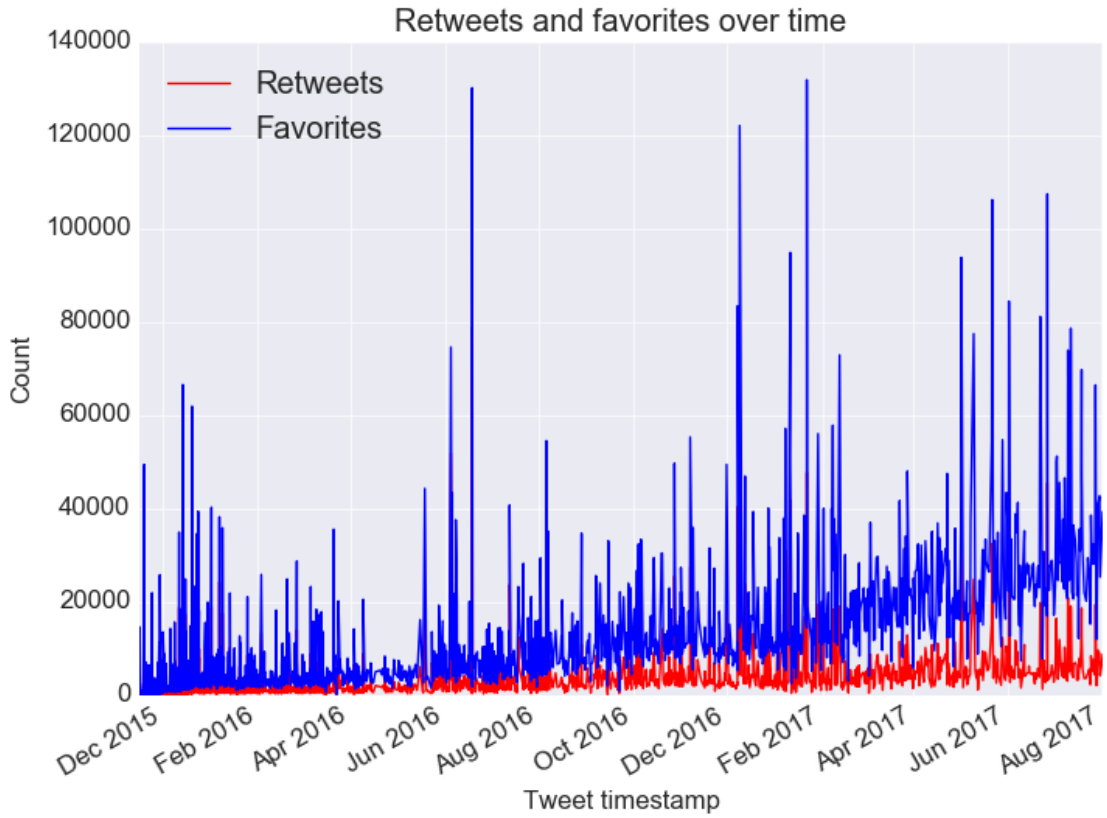
Introduction

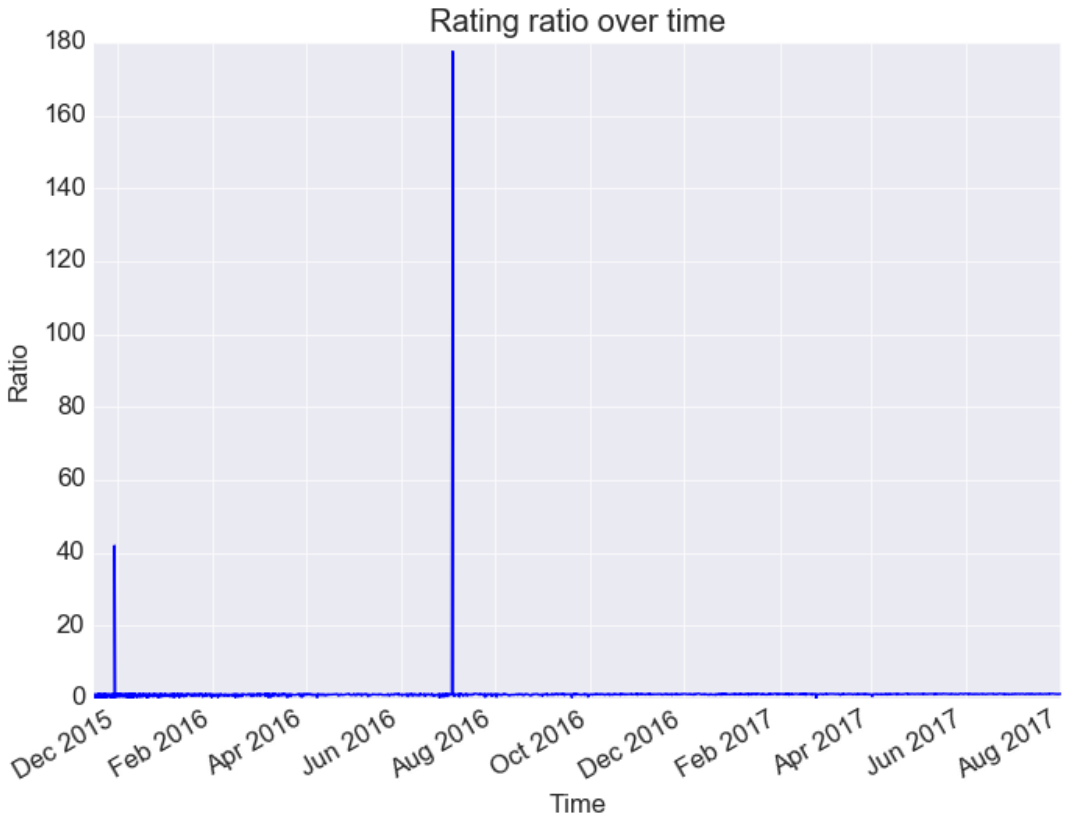
This analysis is of tweets from the WeRateDogs twitter account. My analysis revolved around the trend in popularity over time of the account, based off of the number of retweets and favorites, and analysis of the rating scores over time.

Analysis

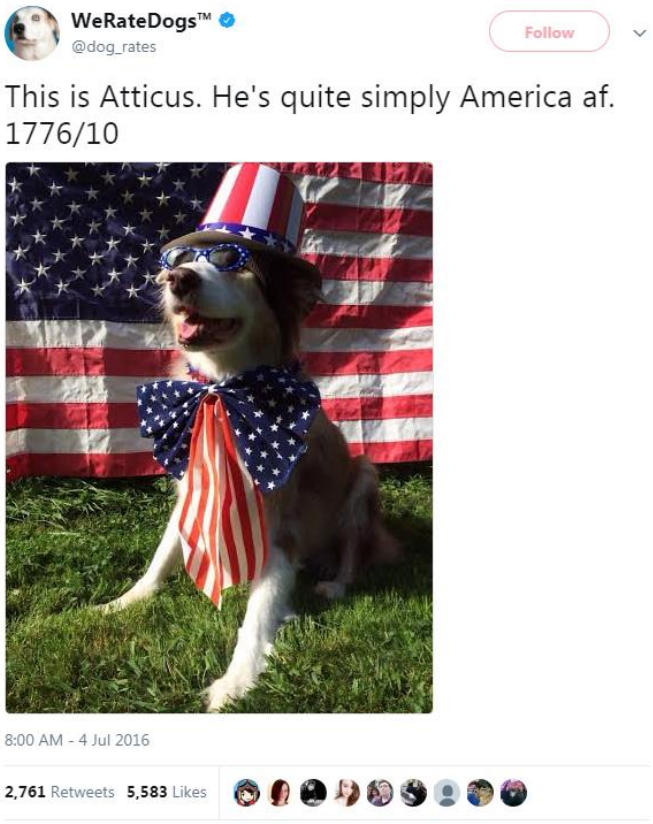
In my analysis, I recognized a trend in the favorites and retweets over time. This trend increased, presumably as the account became more popular. In the chart below, we see an upward trend for both retweets and favorites. There is a more noticeable increase in the number of favorites when compared to retweets as well as several large outliers in favorites for extremely popular tweets.



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

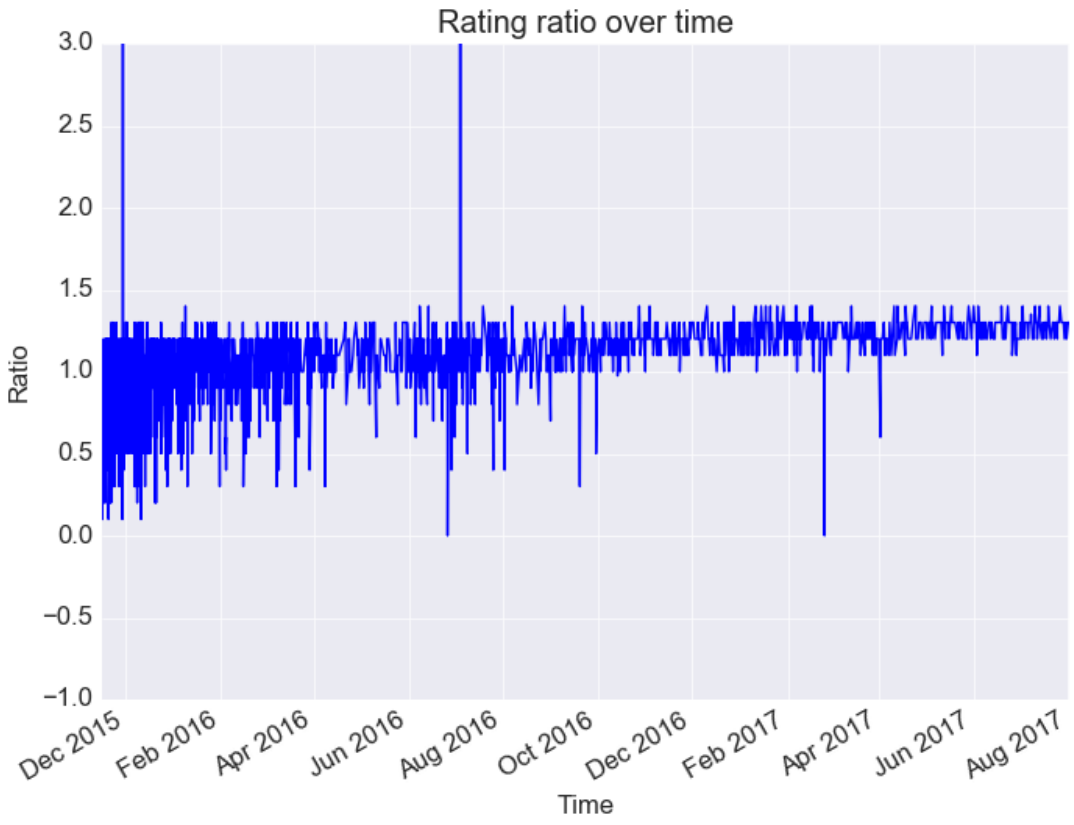


If we take a look at those two tweets, we can see that the ratings were done for comedic effect:


WeRateDogs™
@dog_rates
Follow
This is Atticus. He's quite simply America af. 1776/10
8:00 AM - 4 Jul 2016
2,761 Retweets 5,583 Likes


WeRateDogs™
@dog_rates
Follow
After so many requests... here you go.
Good dogg. 420/10
9:52 PM - 28 Nov 2015
9,518 Retweets 25,837 Likes

If we limit our view of the y axis to ignore the outliers and view the bulk of the data, we can get a better idea of the rating ratio trend:



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