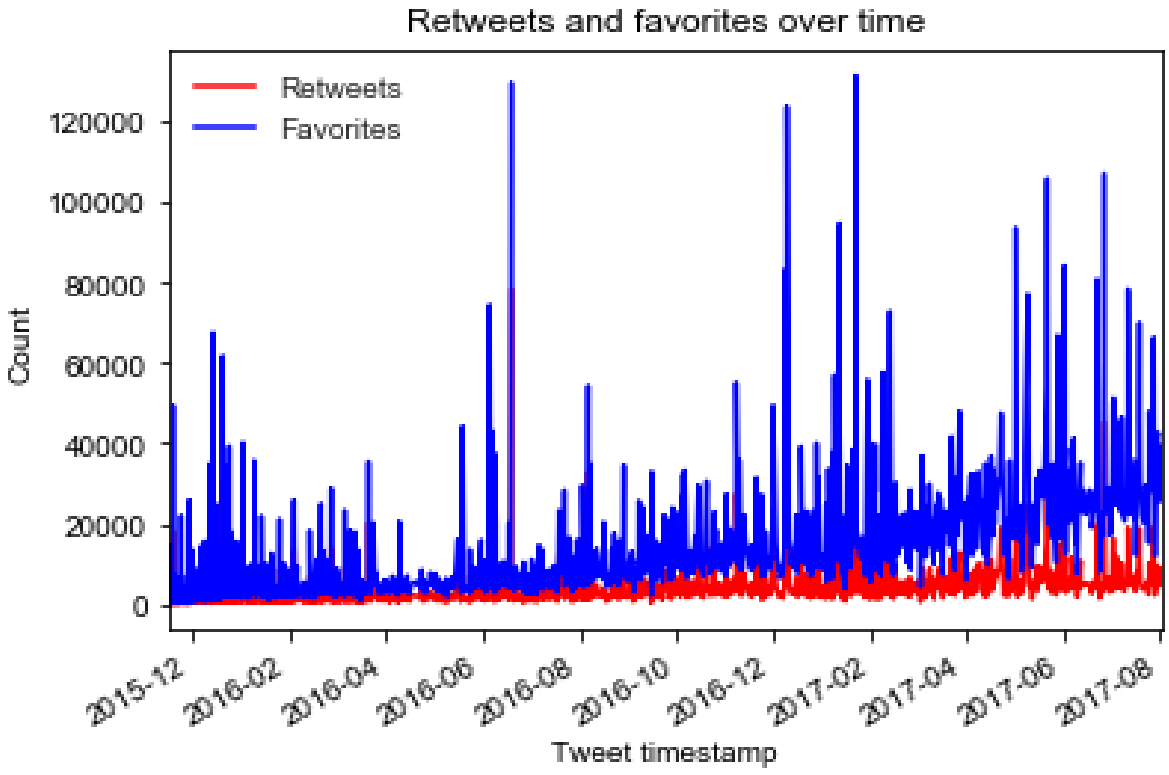
Introduction

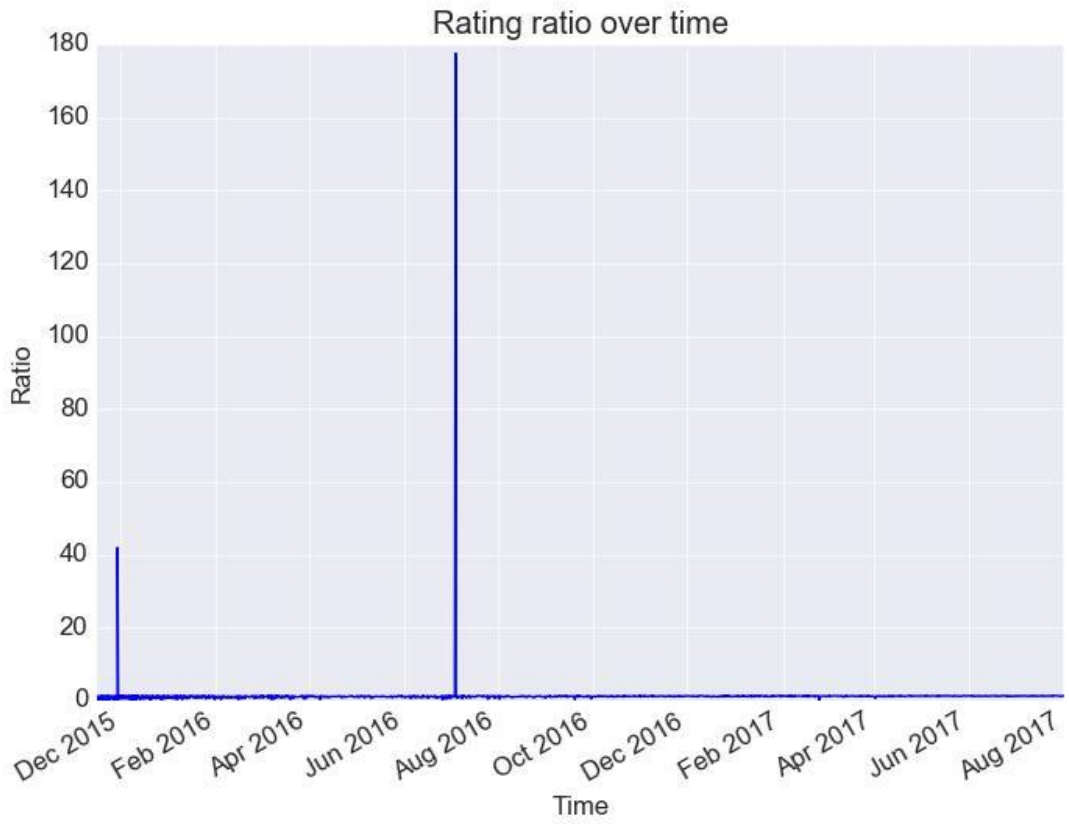
The act report contains analysis about tweets from WerateDogs twitter account. The solution provided is about popularity of account based on number of tweets and retweets, favourites and scores given over the time.

Analysis

During the analysis process, i identified trens in favourties and retweets over a period of time The trend amplified as the account was liked by more people and became popular. The below graph depicts increasing spikes as the time goes. One can observe perceptible upsurge in the number of favorites for most 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 Kyle (pronounced 'Mitch'). He strives to be the best doggo he can be. 11/10 would pat on head approvingly
4:00 AM - 17 May 2016

2,082 6,145

brant @brant · 12 Sep 2016
@dog_rates your rating system sucks. Just change your name to "CuteDogs".
71 867 1.5K

WeRateDogs™ @dog_rates · 12 Sep 2016
@brant Why are you so mad Bront
34 1.5K 4.9K

brant @brant · 12 Sep 2016
@dog_rates well you give every dog 11s and 12s. It doesn't even make any sense.
22 853 1.1K

WeRateDogs™
@dog_rates

Following

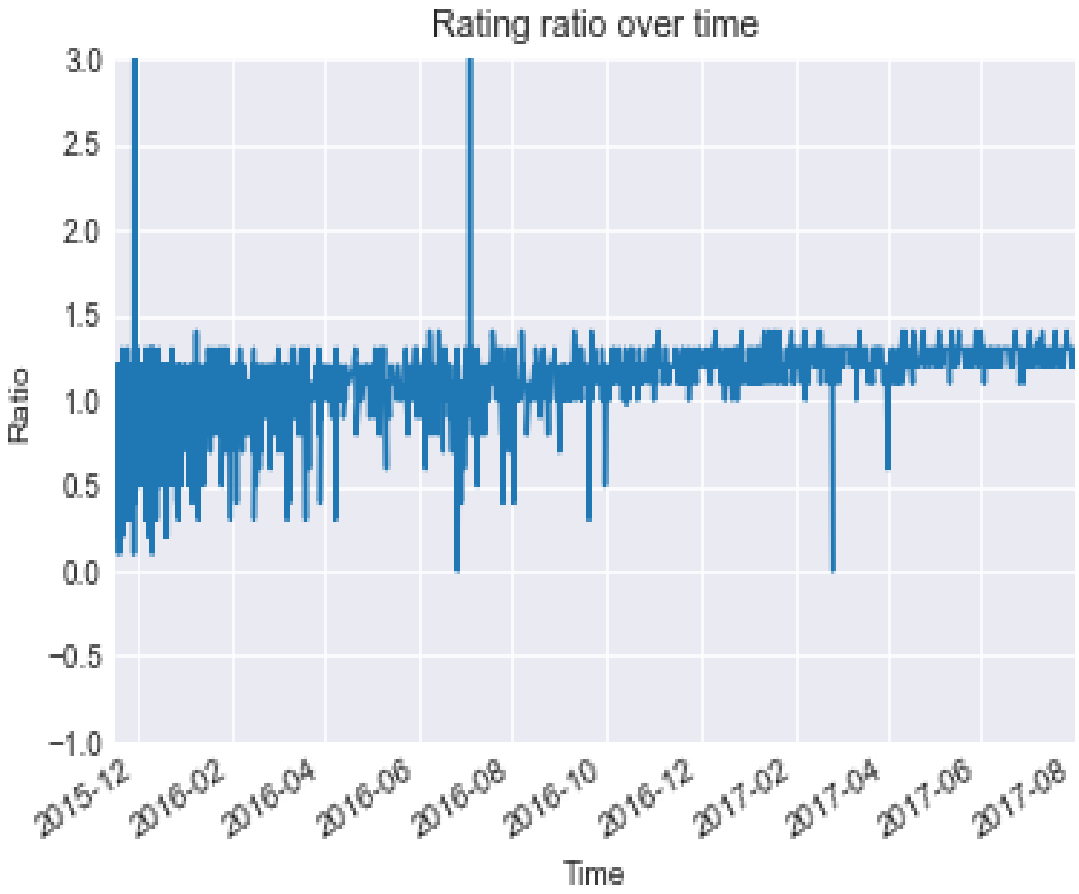
@brant they're good dogs Brent

RETWEETS 6,880 LIKES 16,975

2:05 PM - 12 Sep 2016

91 6.9K 17K

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.