Get a high rate to make your dog famous!
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WeRateDogs is a twitter account that rates people's dogs with humorous comments, it is a very popular account and has almost 8 million followers.

This account shares pictures or a video of a dog and writes a comment about it with a rating. The ratings almost always have a denominator of 10 and numerator bigger than 10.

Followers can retweet (share the tweet on their accounts), and make the tweet their favorite by hitting on the heart symbol under the tweet.

One of recent tweets on WeRateDogs

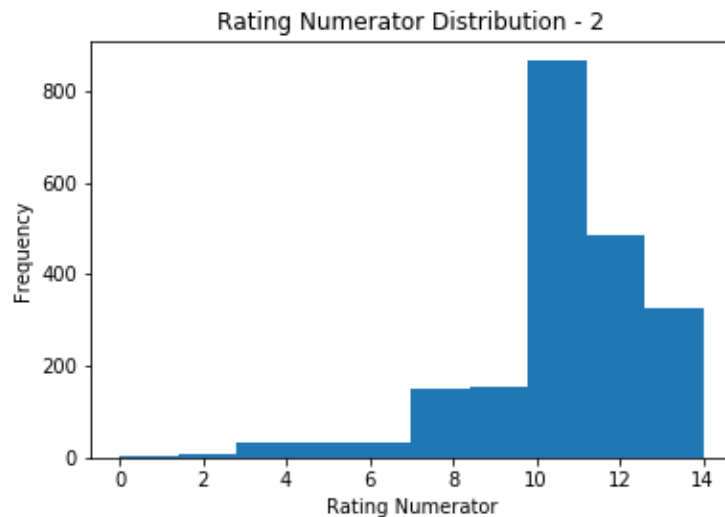## Can this account make your dog famous?

In order to answer this question I have analyzed WeRateDogs account's archive, and I am going to share with you my findings which are depending on 3 variables (columns); rating_numerator: which contains the rating numerator for every tweet, tetweet_count: contains the retweet count for every tweet, favorite_count: how many favorite hit each tweet had.
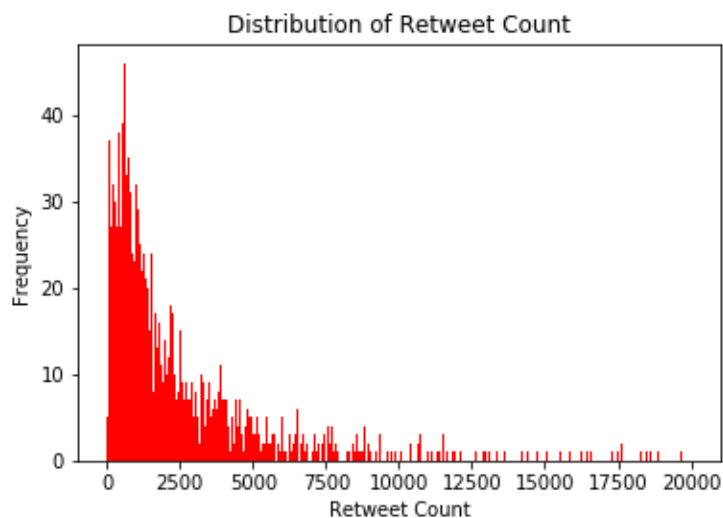

When I tried to visualize the distribution of the rating numerator I failed, it has outliers that are really far than most of the rating numerators, which means WeRateDog wrote very big ratings for few dogs and not followed the usual rating system he has.

(On the right is the tweet with the highest rating numerator)

So to succeed in visualizing the distribution of the rating numerator I had to replace the outliers with the median of all numerator, and yes this worked very well.
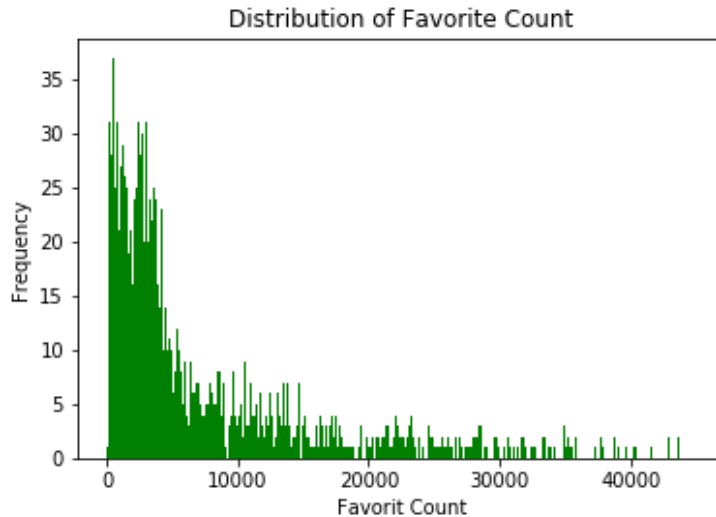
Rating Numerator Distribution - 2

Then I looked at the distribution of the retweet count, and yes there are outliers so I used limit for the x-axis of 20000, although 75% f the data are falling under 3285 retweets and below.

Distribution of Retweet Count

And we can see that lots of tweets got less than 2000 tweets.

For favorite_count 75% of the tweets got between 0 and 11416 favorite hit, however, the tweet with most favorite count has got 132810 favorite hit (till the day these data extracted).
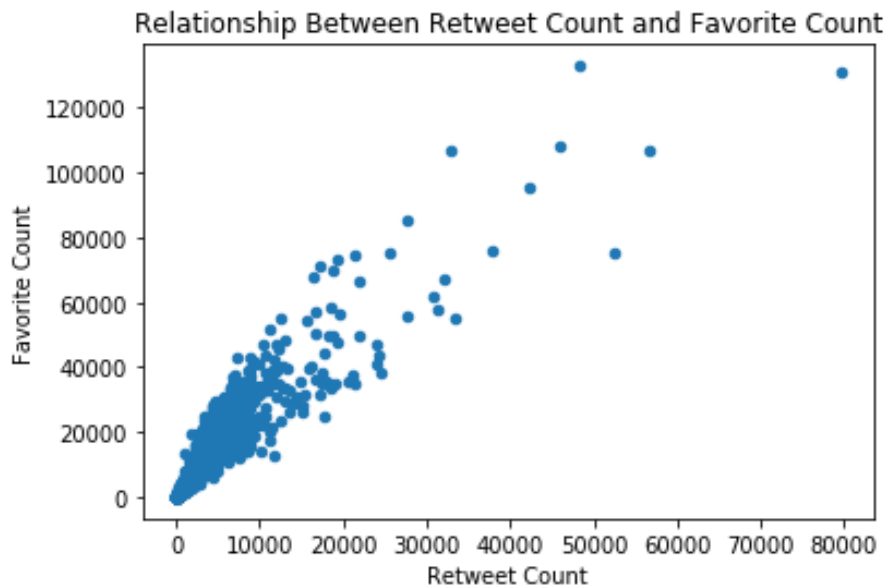(See the graph below for favorite_count between 0 and 45000)

Distribution of Favorite Count
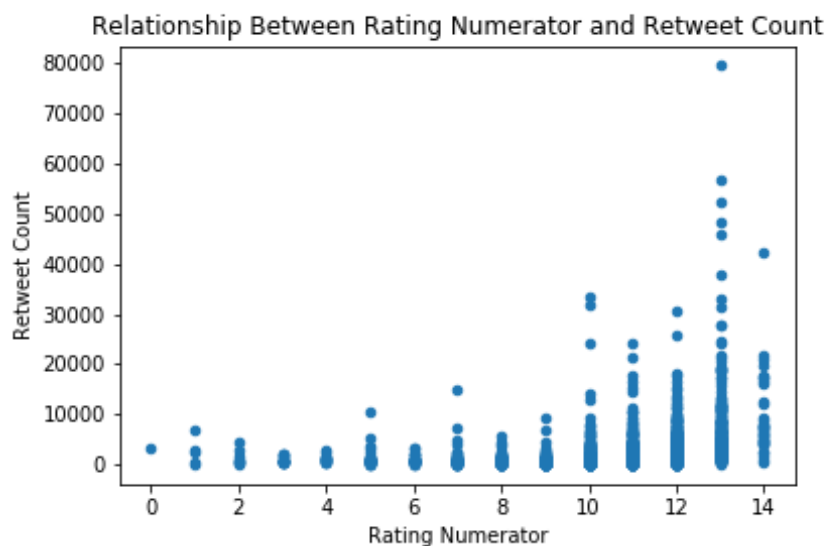

The tweet with most retweet counts

The tweet with most favorite counts

Relationship Between Retweet Counts and Favorite Counts:

Here is the scatter plot that shows the very strong negative relationship between retweets and favorite counts, and it is logic as retweet makes more people beyond WeRateDog follower see the tweet and they may like it as well.

Relationship Between Retweet Count and Favorite Count

Relationship Between Retweet Counts and Favorite Counts:

Relationship Between Rating Numerator and Retweet Count

The graph above shows the relationship between retweet counts and rating numerator, high rating numerator tweets tend to get more retweet counts, and high retweet counts means high favorite counts.

So can WeRateDog make your dog famous? If your dog get a high rating then the chance to become famous is so high.