act_report

September 5, 2020

0.1 Introduction

In this document I analyzed the Weratedog data from twitter and brought up with three insights which is concentrated around the ratings given by the twitter users in connection to favorites and retweets i.e the connection or correlation between rating and favorites and retweets. 0.2

After the going through the process of gathering the data, cleaning and assessing it,a master dataframe was created. The way I see it, the most important variables in the dataframe are rating, retweet and favorite counts.

0.1.1 Highest Rating

The dog that has the highest rating is Atticus with tweet id 7499812773741281128, with a rating of 1776/10 or 177.6, with 2772 re-tweets and 5569 favorite counts:

Atticus

0.1.2 Lowest Rating

The dog that recieved the lowest rating is Phineas with the lowest rating has tweet id: 892420643555336193, retweet and favorite counts of 8853 and 39467 respectively.

Phineas

0.1.3 Highest Retweet Counts

The tweet with highest retweet counts has id, 744234799360020481, with 79515 retweets and 131075 favorites, the name of the dog was empty, has a rating of 1.3. the link to the image and the tweet url are not working.

0.1.4 Lowest Retweet Counts

tweet id: 888917238123831296 dog name Jim, has the lowest retweet counts of 4709, favorite

JIM

count of 29611, and rating of 1.2

Highest Favorite Counts The tweet with highest favorite counts of 48265 has an id: 822872901745569793, a rating of 1.3 and retweet counts of 132810.

Lowest Favoirte Counts The tweet with lowest favorite counts is the same as the one with the lowest rating, which is phineas above.
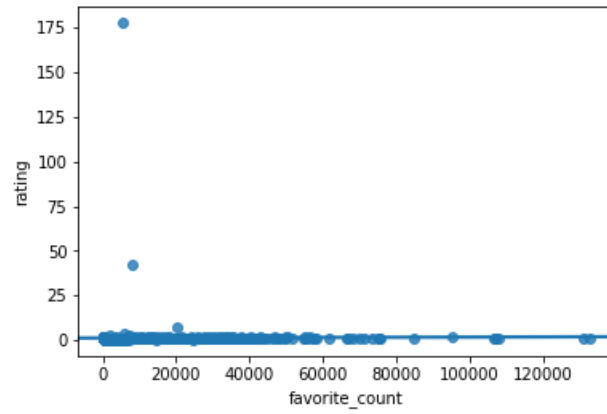
0.2 Analysis

In the analysis, I recognize a slight positive correlation of 0.015592470631514864 (approximately 0.02 which is very small) between the ratings and favorite counts as well as between ratings and retweet counts, the coreelation graphs can be seen below:

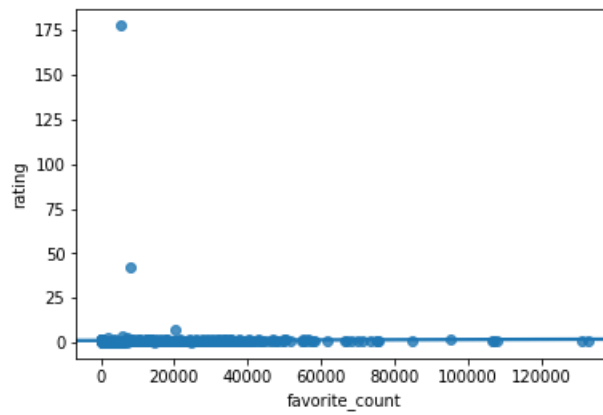## 0.3 Rating and Favorite counts

0.4 Rating and Retweet counts
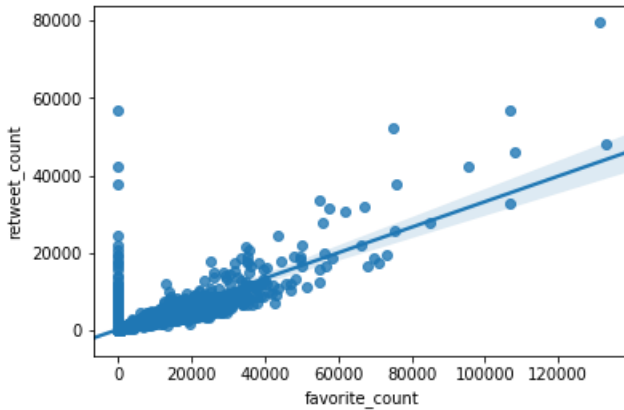
0.5 Favorite and Retweet counts

The correlation between favorite and retweet counts seem to be highly positive as can be seen in the graph below, which means there is a strong relationship between the two attributes, the correlation is about 0.79047607884450788 wheh calculated using corr function.

rt_fav.png

rt_retw.png

0.6 Conclusion:

Using the two case scenarios above (highest and lowest rating), I am going to compare the relationship between them. As can be seen in the description above, Atticus recieved the highest rating of 177.6, but the retweets and favorite counts (retweets: 2772, favorites: 5569) are lower than that of phineas who recieved the lowest rating of ...., has 8863 retweets and 39467 favorite counts, also recieved the lowest favorites counts of 39467, this shows that the relationship between rating with retweet and counts is negligible if any. The dog with highest retweet of 79515 retweet counts has a rating of 1.3, also, the tweet with lowest retweet has a rating of 1.2, likewise the tweet with the highest favorite counts of 48265 has a rating of 1.3, although the tweet with lowest rating has the lowest favorite counts, also has a low retweet counts. we could say there is some relationship between them.