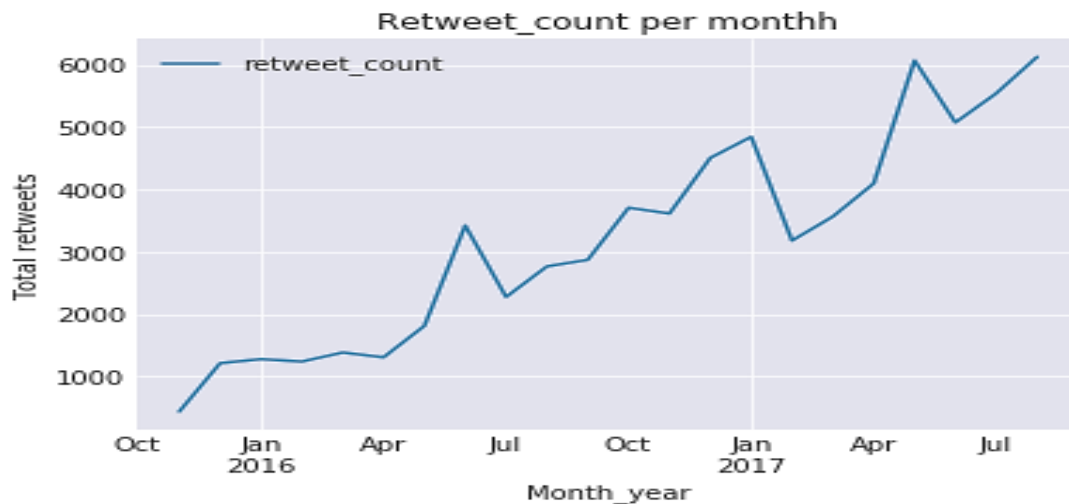


INSIGHTS AND VISUALIZATIONS REPORT

Insights:

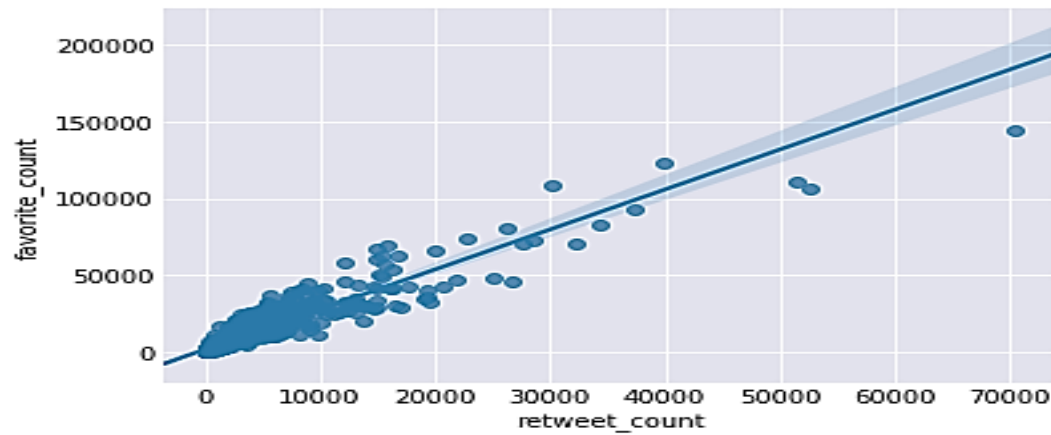
- Apart from 'None' which is basically the null values, having the highest number of dogs in the stage column, we can note that the second highest is pupper stage with 224 and some dogs have more than one stage.
- The tweet with the highest retweet count (70392) also has the highest favorite count (144253) but for the minimum counts it isn't the same. The dog stage with the highest retweet count is of stage doggo.
- The most common source that's being used to upload files is an iPhone as compared to the other sources which are vine- make a scene, the twitter web client and tweet deck.
- We rate dogs has a unique rating system in that normal rates are usually from 1 to 10 but for this they go over 10, there's no limit.

Visualizations:



The month and year are first extracted from the time stamp then grouped by the retweet count mean. We can observe that the data obtained is from October 2015 to August 2017. The number of retweets rise as the years go by but within the months, there are some that months have a low retweet count meaning the posts also had a less likelihood being seen by people who don't necessarily follow the we rate dogs account.

Correlation between the retweet count and favorite count



The above image is a regression plot for correlation between the favorite and retweet count. Correlation measures the degree to which variables move in relation to each other. A positive correlation is between 0 and 1, this one has a correlation of 0.92626, this means that the retweet count somewhat affects the favorite count.

