We Rate Dogs Analysis

This report highlights findings after careful analysis of tweets from 'we rate dogs' channel. There is a strong positive correlation between favorite count and retweet count for the observed tweets. The pearsons correlation test indicate a 0.86 correlation between favorite count and retweet count.

Considering rating numerator the average rating a dog can get on this channel is 11.2. Half of the ratings fall below 11 with 3 as the lowest rating.

Favorite counts range from 0 to 144175 with three-quarters falling below 9234. Half of the tweets had at most 3285favorite counts. The average number of love reactions for the tweets on this channel is 7040. The standard deviation on favorite counts for the observed tweets was so high at 11237. Further analysis could help identify why there is such high variation.

Retweet counts for the sample range from 1 to 70294. The average retweet count for observed tweets is 2471. Half of the tweets got at most 1164 retweets while three-quarters of the observed tweets got at most 2366 retweets. The variance in the number of retweets could be of interest in future analysis.

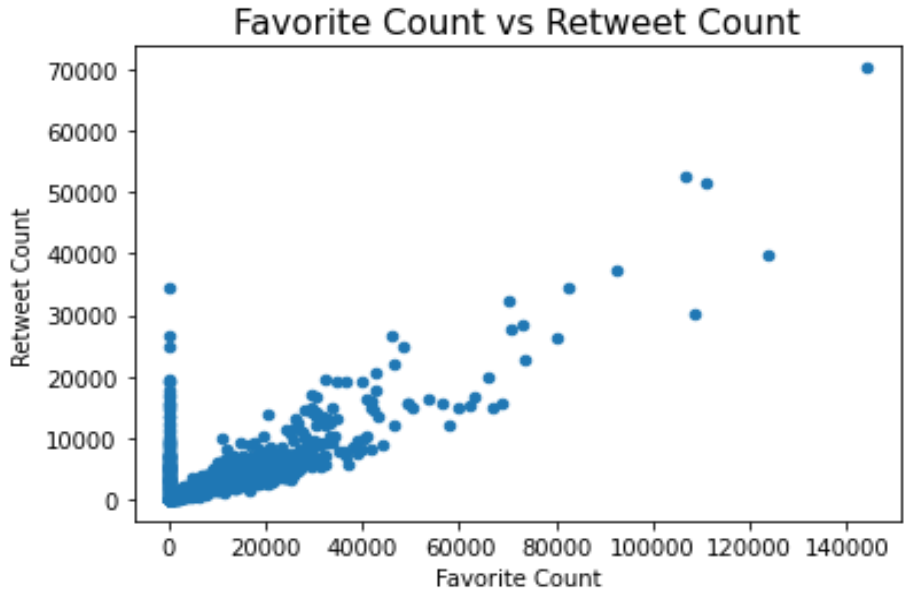
Average Number of Retweets and Favorites for Dog Groups

On average dog has the highest retweets while puppy got the least retweets. On average dog got the highest number of love reactions. We conclude that a tweet about a dog is most likely to get more reactions and retweets that one about puppy.

dog_group	retweet_count	favorite_count
dog	5403.432692	13724.326923
puppy	2629.066667	6954.940351

Graph 1.1 indicate a strong correlation between retweet counts and favorite counts. This implies as the higher the number of retweets the higher the number of love reactions and vice versa is true.

Graph 1.1



Graph 1.2 represent the proportions of various dog groups in the sample. The Puppy contribute the largest proportion while dog took the smallest proportion. We could conclude the chance that a random user on this twitter channel will share images of a puppy is higher compared that of sharing images of a big dog.

Graph 1.2