ACT REPORT

From the master data set, three insights including a visualization were generated.

A look into the summary statistics of the data using the describe function reveals that the average favorite count is 8764.614227 while the average retweet count is 2445.915185, also the minimum and maximum favorite and retweet counts are 180 & 28 and 123,445 & 51,298. This suggests that users that visit this page are more likely going to like the tweets than retweet the tweets.

Using the value_counts function, we are able to check for the frequency of occurrence of particular Dog breeds as predicted by the AI algorithm used for the image prediction data set. A number of prediction were made coming to a total of 378 unique predictions, however, the value counts allow to get the Dog breeds with the highest occurrence. The top five 5 dogs by the number of occurrences are (Golden retriever, Pembroke, Labrador retriever, Chihuahua, and Pug). This may suggest that more users tend to upload Dog breeds contained in this list more than any other Dog breed.

A review of the rating numerator revealed that a total of 19 unique ratings were contained in the master data set with the maximum rating being 14 and the minimum being 0. Further checks however revealed that ratings 12, 11, 10, 13, and 9 appear to be the top 5 ratings by value counts. This suggests that on average Dogs rated on this page are more likely to get any of these ratings than any other rating. This is also shown in the bar chart below.