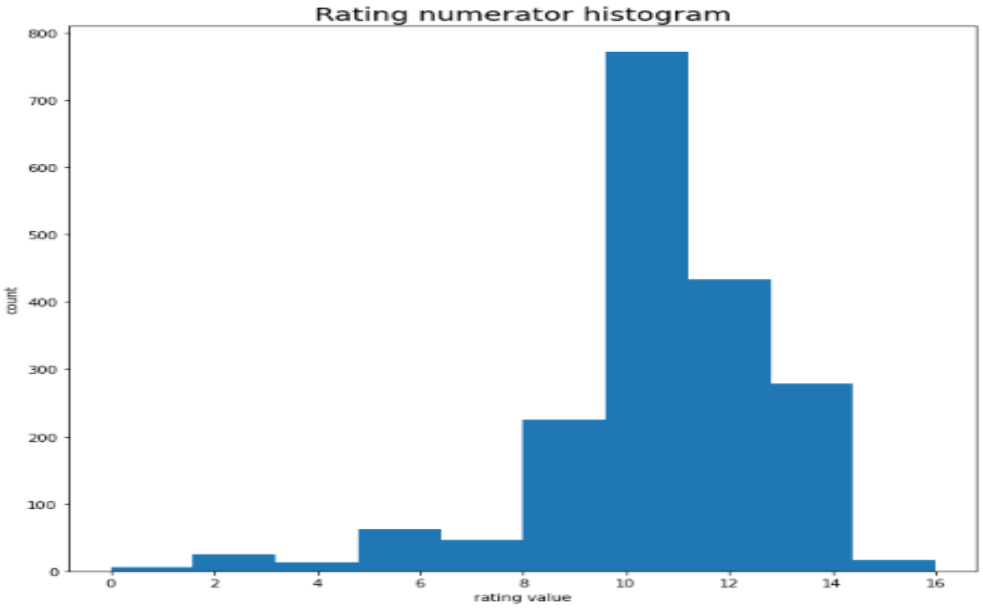
Report: act_report

After cleaning and gathering data , it is ready to be analysed and to get insights from it

First observation**: how rating are distributed ?**

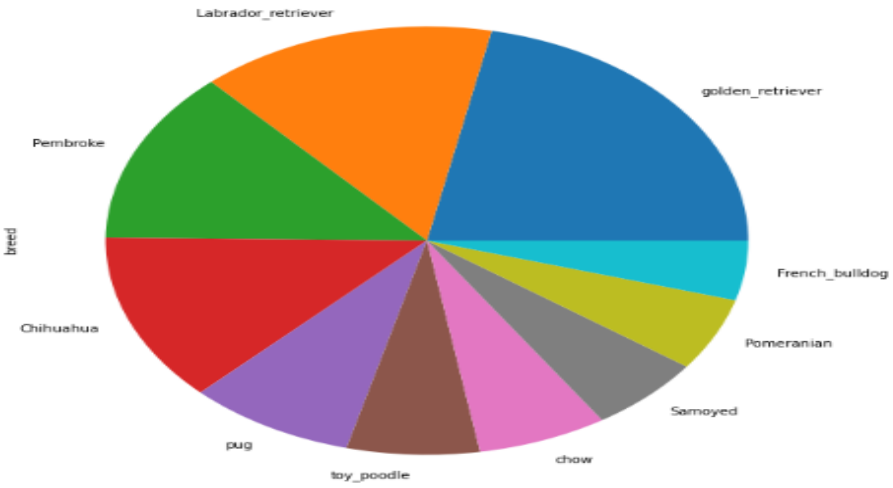
We use the bar plot to see the distribution of dogs ratings :



We observe that the rates between 10 and 12 are the most frequent in our dataframe

Second observation : **Which are top 10 breeds that are most tweeted ?**

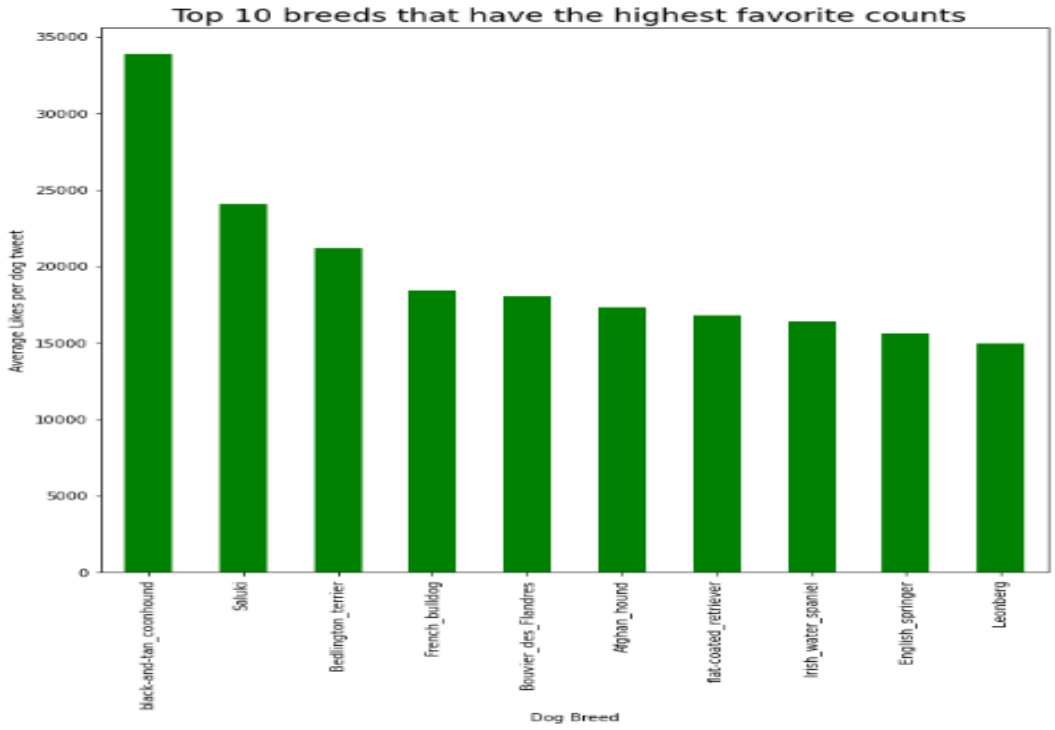
Let’s see the dog breeds that are mostly present in tweets !



As we can see in the pie chart, the gold retriever is the breed that is most present in tweets.

third observation: **what are the top 10 breeds that have the highest favorite counts**

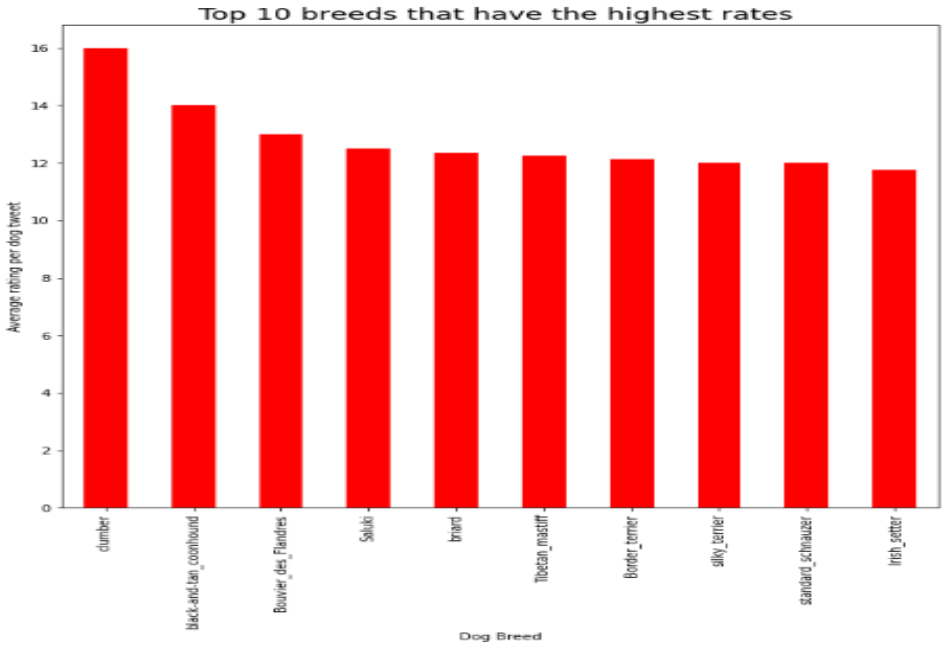
here we are going to find out the top favorite 10 breeds among all tweets , so we used bar charts to represent the favorite counts per breed.



We can see that the black-and-tan_coonhound has the highest favorites count

forth observation: **Which are top 10 breeds that are highest rated ?**

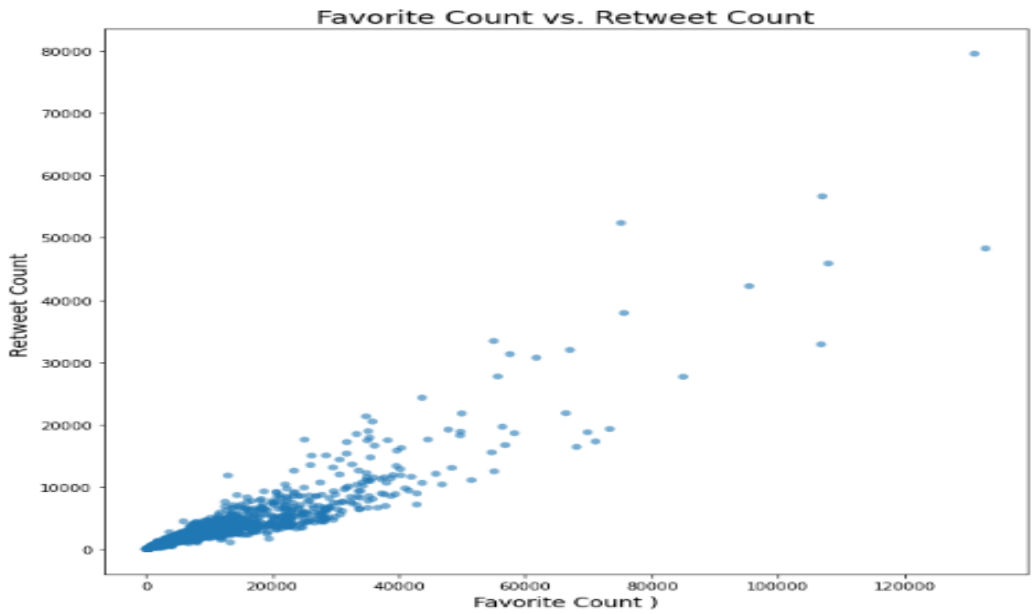
we are going to use bar charts again to determine the breeds with highest rates :



we see that the dumbler has the highest average rates !

fifth observation**: is there any correlation between favorite counts and retweet counts ?**

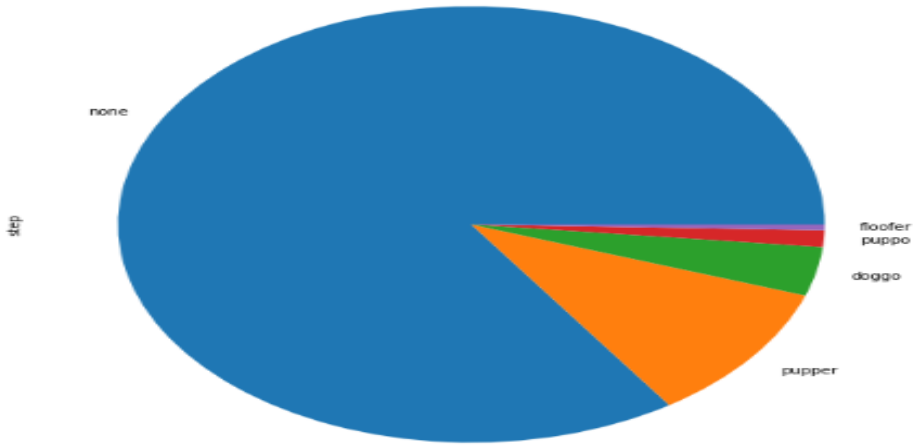
to see if there is a relationship between the two columns **favorite counts and retweet counts** we are going to draw a scatter to see the pattern and conclude correlation :



We can see clearly a high positive correlation between the two variable , the thing that make sence because usualy when people like a tweet they tend to retweet it .

sixth observation: **What is the most common step?**

Lastly , we will see the most repeated step in our dataframe:



As we see , most tweets have no step mentioned , only 16% tweets have it and pupper is the most frequent in it .