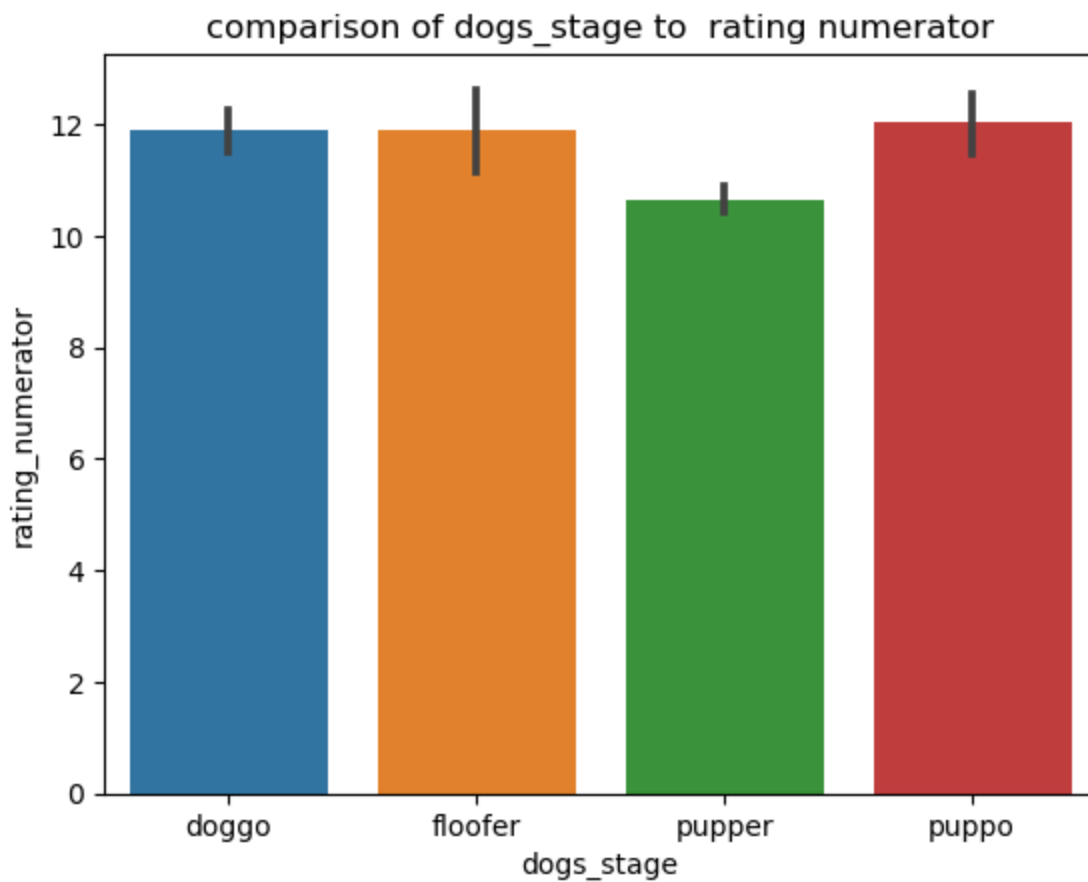# Report: act_report

Introduction

This report is made on the twitter handle 'WerateDogs'. WerateDogs takes vvarious dogs image with keen interest only on dogs, they frown on any image that is not dog. Their ratings are special as they accept higher numerator rating to the denominator. The handle does not just give ratings alone but also generate the breed and types of dogs using neural predictor. There are four types of dog stages used named; Puppo, Pupper, Doggo and Floffer. Also, there are over 20 dog breeds generated by the predictor; golden_retriever, Labrador_retriever, Pembroke, Chihuahua, Scotch_terrier, EntleBucher, Japanese_spaniel.

Insight one The first insight has shown to us that out of all the dogs posted, the image predictor detected that though there are over 20 breeds of dogs, some of this dogs are more popular than the others. most of the top five most popular dog breed with over 50 predictions are; golden_retriever, Labrador_retriever, Pembroke, Chihuahua, Scotch_terrier. anad out of this top 5 breeds, analysis shows that *golden_retriever* has 173 which is the highest among all breeds predicted.

Also, EntleBucher, Japanese_spaniel, standard_schnauzer, Bouvier_des_Flandres are one of the least popular breeds predicted with as low as 1 prediction. This shows that this breeds are scarce and not in much demand among dog lovers

Insight Two. Among the four dog stages that exist in this data, pupper is seen to have the highest number with over 200 predictions among all dogs posted. Pupper is the stage of a dog close to doggo. Doggo is second in rank to pupper, followed by puppo and floofer respectively.

Insight Three. While making comparison between dog stages and rating numerator on mean average, puppo has the highest rating average i.e. puppo has rating average of approximately 12 which means that puppo receives ratings mostly between 10 to 14 or more. The is passing a key information that dogs at this stage are either smart, attractive, sharp or carries all this attributes. Also, the reason for ahving the highest rating going to puppo coukd be because of their low number of prediction among other dogs. Out of 344 total prediction made for all dog stages, puppo only appeared 23 times, looking at the number it could have influenced their ratings since they are small in number in the dataset. In addition, The rating for Doggo and Floffer are so close. Pupper has the lowest rating average of ~10.7, this could be due to their level of attractiveness, smartness or it could be a result of their prediction rate.

comparison of dogs_stage to rating numerator

Retweet count vs Rating

This chart below shows the comparison between rating numeratoe and retwwet count. We can see that we have higher retwwets between 13 - 14 ratings, at this ratings retweet exceeds 6000. Also, 9.75 rating that exceeds 6000 is because we only have one dog rated here. In addition, we can see some irregular ratings from 24 -1776, this could be as a result of multiple dog posting. this resulted in combined rating of maybe more than a dog. Lastly, ratings of dogs below 10 have low retweet counts.

comparison rating_numerator to the retweet_count