Act Report
The Top Five Dog Breeds by Popularity and Rating

Introduction

In this project, I was required to create a dataframe from an archive of a Twitter account called WeRateDogs. WeRateDogs posts pictures of dogs and then gives them a rating of what they see best fit. They are known for their funny ratings and commentary. Using their archive, I have decided to find which dog breeds are the most popular among their tweets, as well as which dog breed is the highest rated.
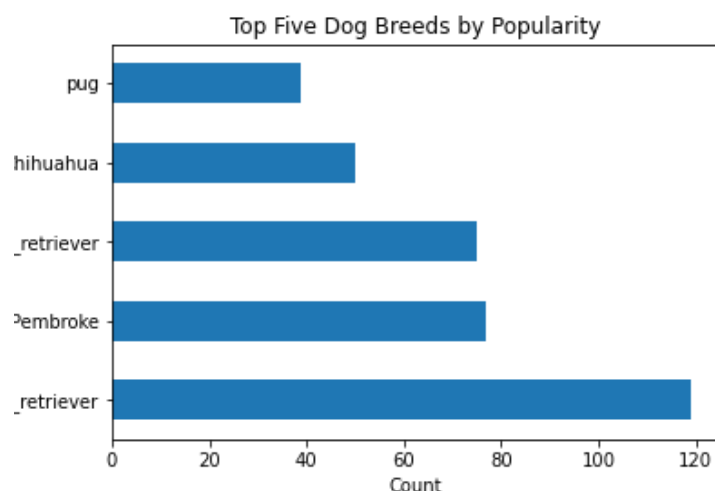
The Top Five Dog Breeds by Popularity

The first question I want to explore is seeing which dog breed was the most popular on WeRateDogs' Twitter page. To do this, I used a dataset that predicted which dog breed is showcased in the tweet's picture. I used this information to group the tweets into breed categories and see which dog breed had the most tweets written about them. Then, I created a visualization to showcase the top five most popular dog breeds as shown here:

In this figure, the most popular dog breed is the Golden Retriever with 119 tweets. This seems correct to my prior belief that Golden Retrievers are a very popular dog breed. What surprised me the most was that the second most popular dog breed was, although close in tweet count, not the Labrador Retriever, but the Pembroke Welsh Corgi.
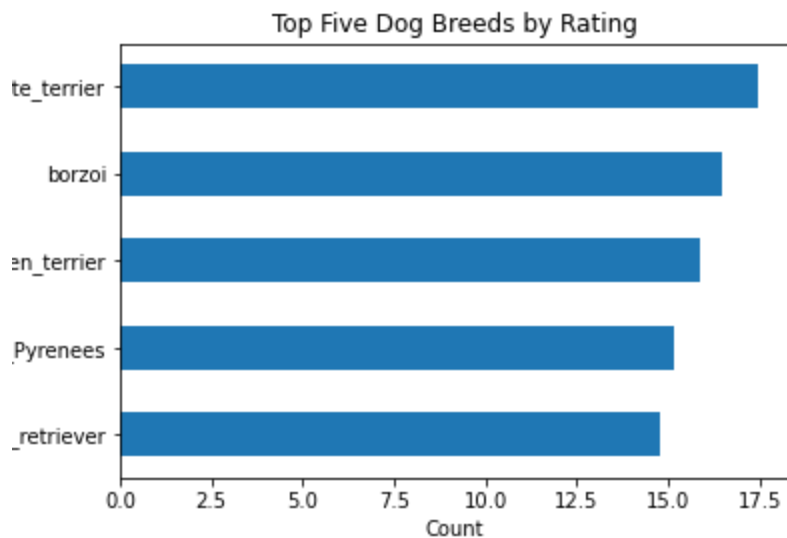
The Top Five Dog Breeds by Rating

After discovering which breed was tweeted about the most, I wanted to dig deeper and find out which dog breed had the highest average rating. I found my information the same as before, except I took the average ratings and grouped them by dog breed. I then created another visualization but for the top five dog breeds by rating:

The results were quite a shock to me. I thought that the findings would be similar to those of the top five most popular dog breeds, but instead found them to only have one breed in common. According to this graph, the highest rated dog breed is the West Highland White Terrier with an average rating of 17.45.

Top Five Dog Breeds by Rating

Disregarding my prior assumption, I believe that the reason that dog breeds like the west Highland White Terrier, Borzoi and Soft-Coated Wheaten Terrier are the highest rated is because they are rarer than the the Golden Retriever, Pembroke Welsh Corgi and Labrador Retriever, thus giving them a higher rating by rarity. However, since the Labrador Retriever was charted on both lists, I will deem it the "Best Rated Popular Dog."