ACT REPORT

Introduction

WeRateDogs® is a Twitter account that rates people's dogs. Hilarious comments are made about the dog that attracts comments, likes, and retweets. The account has over 9.3 million followers who participate in the posting and rating of awesome dog images posted by themselves or other dog owners.
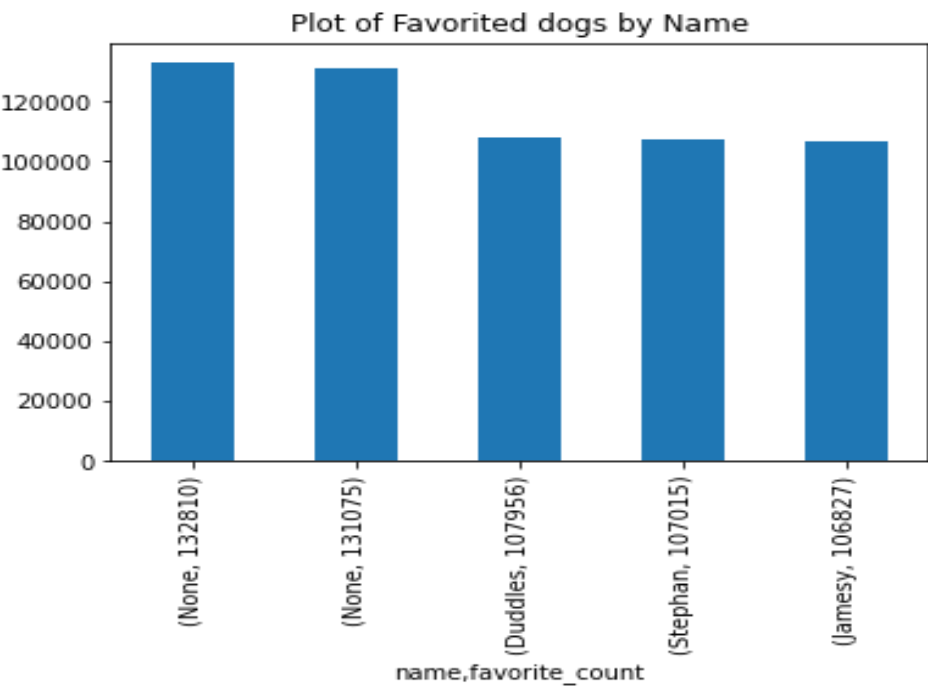
Some key attributes contained in the data set includes the retweet count, favorite count, dog name, dog image url and most importantly the dog rating, which has a numerator ranging between 0 to 1776 and a denominator of 10 etc. This unique rating system contributes immensely to the popularity of WeRateDogs.
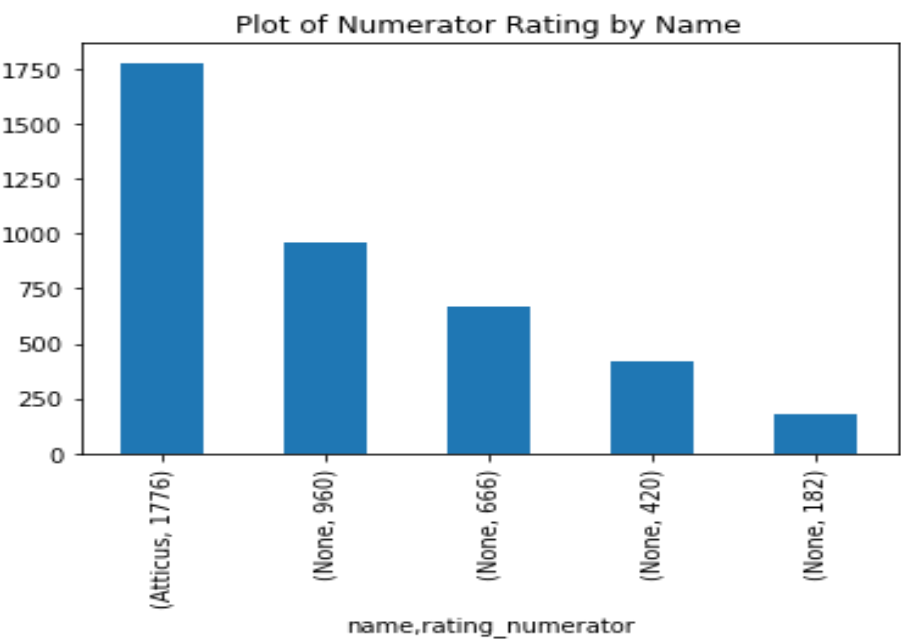
Analysis and Visualization

The analysis was geared towards answering the following question

1   What are the names of the 5 most favorites dogs?
2   What are the names of the 5 most highly rated dogs?
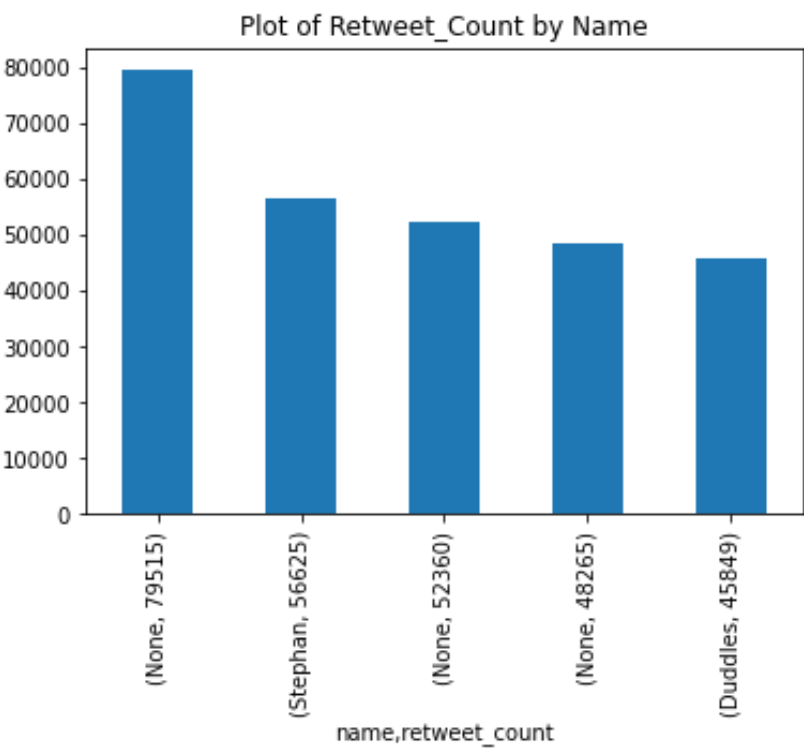3   What are the names of the 5 dogs who had the most retweet?

To answer questions 1, we aggregate the data and group by the dog's name and "favorite_count" limiting the data output to the first 5

Plot of Favorited dogs by Name

To answer questions 2, we aggregate the data whiles grouping by the dog's name and "rating_numerator" and limiting the data output to the first 5

Plot of Numerator Rating by Name

Finally, we aggregate the data and group by the dog's name and retweet_count to answer question 3.

Plot of Retweet_Count by Name

Following the analysis and visualization, the below insight was noted

- Out of the top 5 most rated dogs, only Atticus is known by name, the names of the other 4 dogs are not provided.

Atticus, highest rated dog

2. Out of the top 5 most liked dogs,only 3 are known by names, Duddles, Stephan & Jamesy. Consequently, the names of the top 2 dogs are not provided.

Most favorite dog

3. Out of the top 5 most retweeted dog post, only 2 are known by their names, Stephan, and Duddles.

Most retweeted dog post