

Act Report (WeRateDog) by Olaoluwa Idowu



Introduction

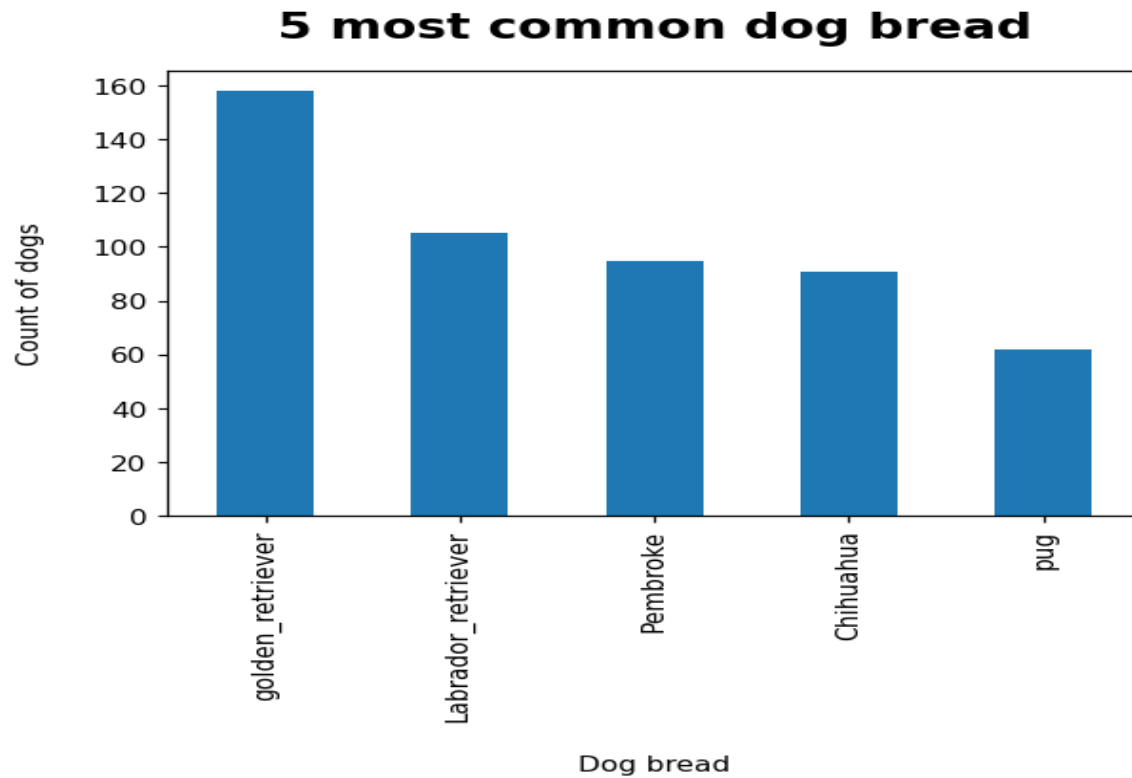
The analysis and visualization were done to find different insights. The questions and intention are as follows.

- **5 most common dog breed**
- **Dog breeds with highest average rating**
- **The proportion of Dog stages**
- **Is there a correlation between favorite count and dog rating?**
- **Is there a correlation retweets and favorite count?**

Analysis and Visualization

1. 5 most common dog breed

This is the analysis of the count of dog breeds in the data, using a bar chart.

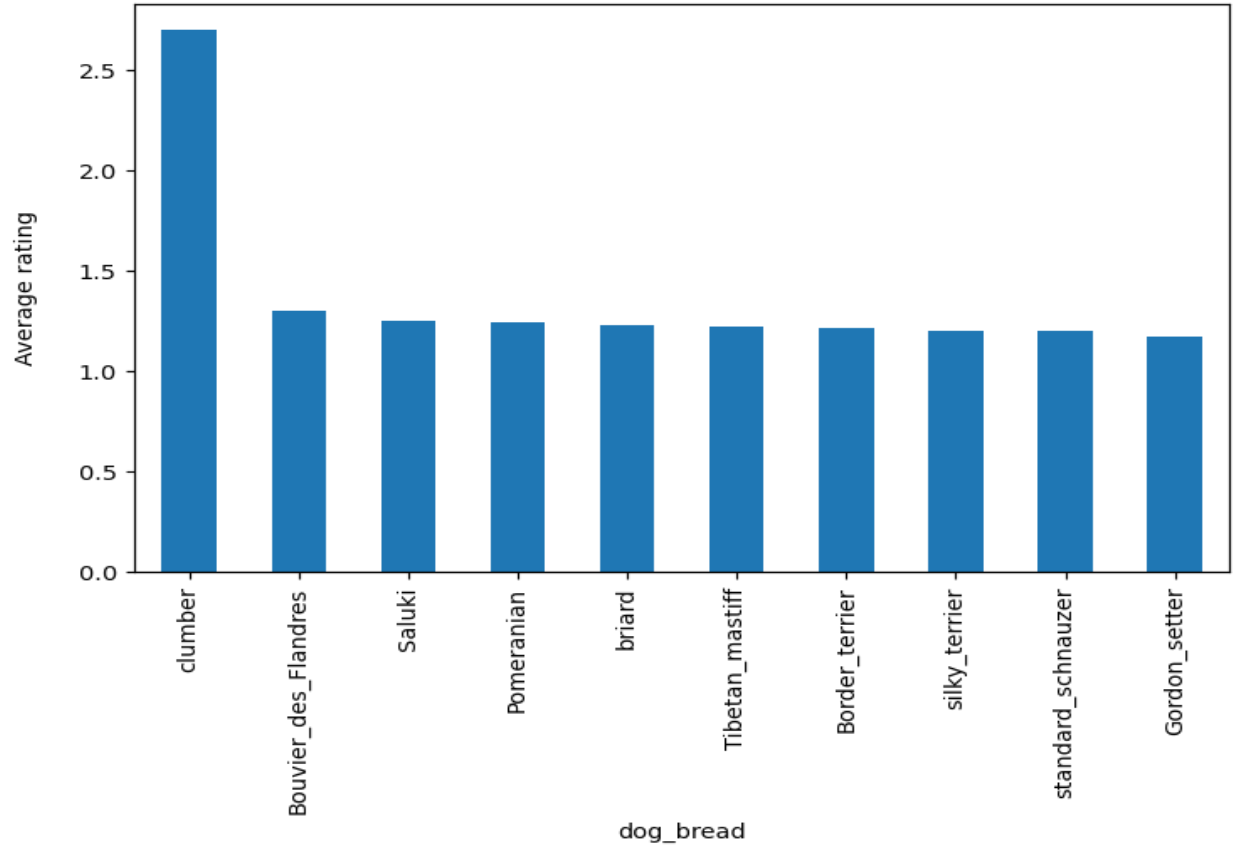


Observation showed that the Golden retriever is the most common in this data, followed by Labrador retriever, Pembroke, Chihuahua, and pug. This is based on the tweets that included where we have a correct bread prediction (with approximate average confidence level of 59%).

2. Dog breads with highest average rating.

This insight shows us ten dog breads with highest average rating. The clumber bread, which one only dog in the observation, has the highest average rating followed by Bouvier_des_Flandres, Saluki, Pomeranian, Briard, Tibetan mastiff, Border terrier, Silky terrier, Standard schnauzer, Gordon setter.

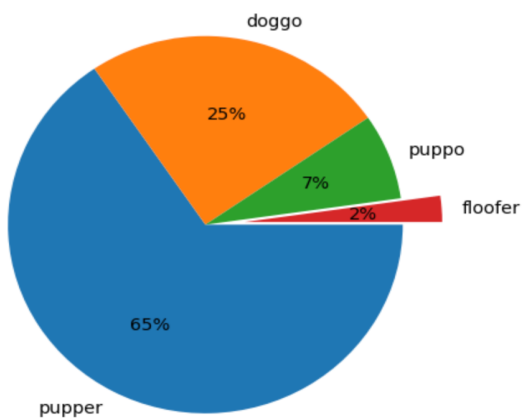
Dog breeds with highest average rating



1. Proportion of Dog stages

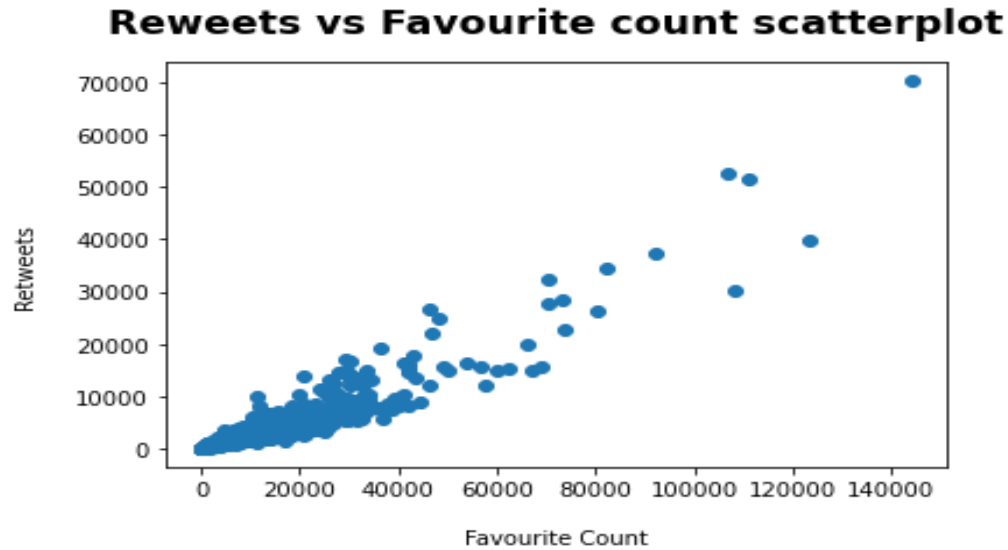
The pupper stage makes up 65% of the specified dog stages, the doggo makes up 25%, the puppo makes up 7%, and the floofer makes up just 2%.

Dog Stages



2. Is there a correlation between number of retweets and number and favorites count.

There is a positive correlation between number of retweets and number and favorites count as shown in the charts below.



Limitations

- The dog stages and dog breeds are just a fraction of the whole data as some observations do not have dog stages.
- I am unable to tell if retweets are affected by dog ratings as the sentiments of the tweets are not known.