

Act Report

Insight

After finishing gathering, assessing, and cleaning the Twitter dog database, my goal was to determine what the most popular dog is. We could define popular in many different ways.

The first category of popular is in terms of the largest population of dog stages. The 'pupper' dog stage had the largest population with a count of 218, while 'doggo' came in second with a count of 80. This was found by finding the number of value counts per dog stage.

The second category if popular is in the terms of the most common breed of dog. I used value counts again but using the breed of dog. The most common dog using the image of the dog posted and using image prediction is the retriever, with the golden retriever having the highest count of 151 and the Labrador retriever with the second highest count of 99.

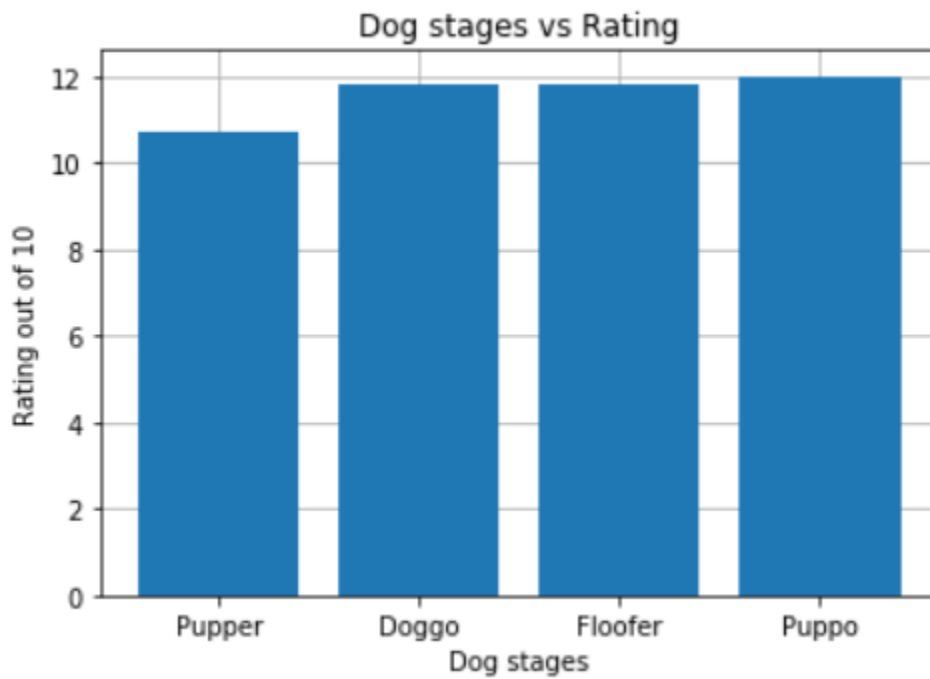
The most popular dog in terms of tweets is the Labrador retriever of tweet id 744234799360020481. This dog got 79515 retweets.

The most popular dog in terms of favorites is the Lakeland terrier of tweet id 822872901745569793. This dog got 132810 favorite count.

To make it more interesting, I combined all the category of popularity into one search. I took all the dogs with a rating of 13 or higher, the top 5% of retweets and top 5% of favorite count and we were left with 40 dogs. The top dog again is the Golden retriever and the second most popular is the Labrador retriever.

Visualization

In terms of visualization, I looked at which dog stage got the highest ratings and here is what I got.



The Puppo dog stage is the highest rated dog stage with an average rating of 12.0 out of 10.

I also created a pie chart of the top 40 dogs, showing that the golden retriever is the most popular dog breed and the Labrador retriever in second.

