

Act report

Introduction:

For this project we wrangled and analyze a twitter account called WeRateDogs™, which tweets out pictures of adorable dogs with their ratings. The ratings of most dogs are over 10/10 with not so common ratings where the numerator is higher than the denominator (12/10).

https://twitter.com/dog_rates/status/1110320393477332992

To analyze the data from WeRateDogs™ required gathering 3 different sources: 1) a CSV file given to us by Udacity, 2) a source that gave information about the prediction of the dog's breed in each image through a neural network. 3) The use of the Twitter API to gain information about each tweet. The wrangling and analyzing method involve 3 steps which was used on this project: gather, assess and clean. At the end, we had to combine the clean datasets into one and make three insights and one visualization based on the this overall clean structure.

Here are the following three insights I gathered, and one insight shown through a visualization.

Which is the least and most favored dog?

To figure out this question, I did a groupby operation using the dog_type column and inserted a mean call. I saved it into a variable called "dog_type_mean". Then I specified it under the "favorite_count" column using the sort_values method.

The least favorite: Brabancon griffon



The most favorite: black and tan coonhound



Which dog is the outlier (and the image that makes it so cute!)?

- To figure out the outlier I had to find the max value in the dog_rating_out_of_ten column. The highest number was a 177.60 so with this number inserted it into a search within the dog_rating_out_of_ten column.

DRUM ROLL....



“This is Atticus. He’s quite simply America af.”

Which dog is the most common?

Based on a sorted value count of the dog type, the golden retriever came out with the highest number. Second was the Labrador retriever, third was the Pembroke.

#1



#2

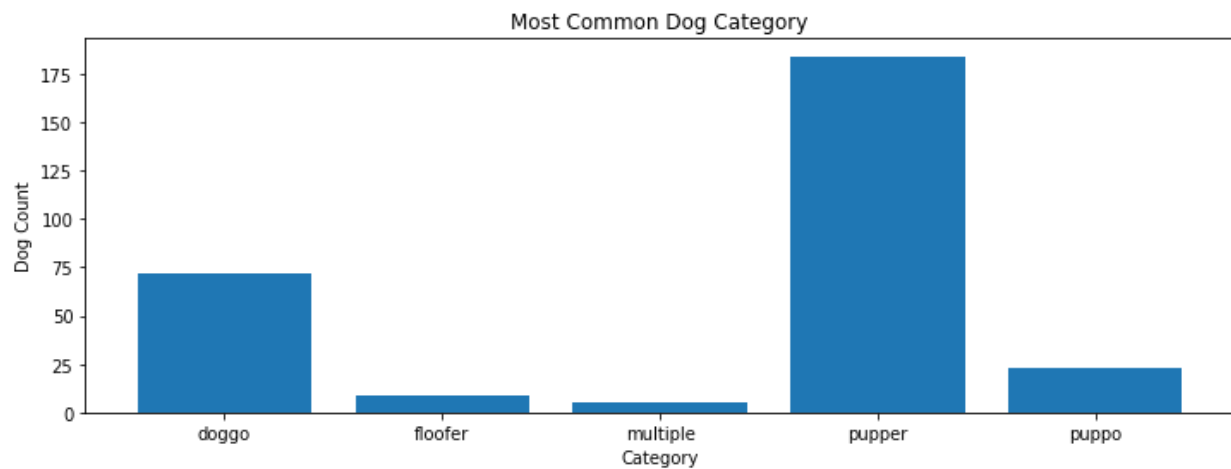


#3



Which dog stage was the most common?

The pupper stage was the most common and based on the wording, it would usually refer to a puppy.



Images of puppies:

