Analyzing and Visualizing WeRateDogs

Introduction

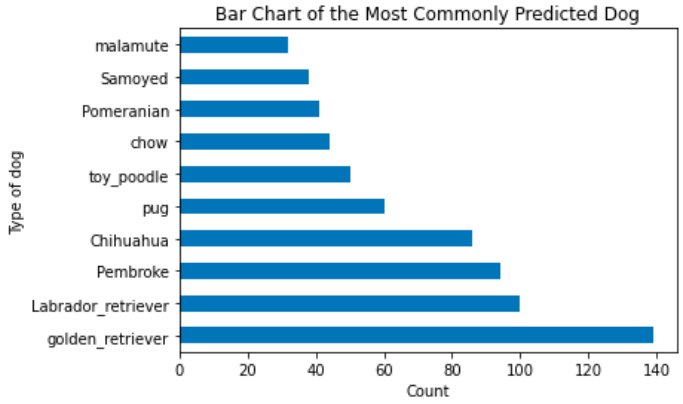
WeRateDogs is a twitter account that rates people's dogs with funny comments about the dog. WeRateDogs has received major coverage around the world and has over 6 million followers.

The denominators of these ratings are always out of 10. However, that does not prevent more than half of the people rating the dogs above 10 (ex: 11/10, 12/10, 13/10, 14/10). Even though the ratings are supposed to be 10 and under, people feel that almost every dog deserves a 10.

In this analysis, I will analyze the WeRateDog twitter and come up with a couple insights. My insights include the following questions. What are the most common dogs in this dataset? Which dogs are on average rated the highest and which ones the lowest? Are more commonly tweeted dogs rated higher? Dogs in the categories puppo, floofer, pupper and doggo rated better than the rest?

Insight 1

These are the 10 most common dogs in the dataset and these are the number of times these dogs are tweeted.



Insight 2

These are the 5 dogs with the highest average ratings with their mean rating.

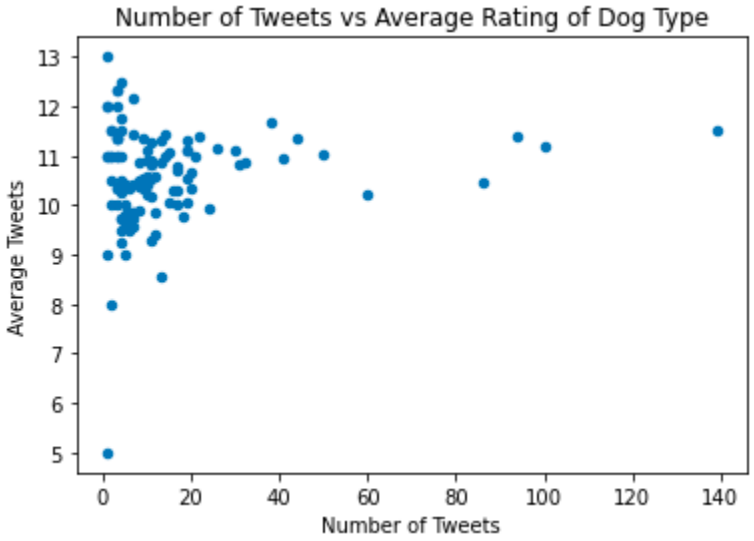
	pred_dog	rating_numerator
11	Bouvier_des_Flandres	13.000000
54	Saluki	12.500000
78	briard	12.333333
31	Irish_setter	12.333333
9	Border_terrier	12.142857

These are the 5 dogs with the lowest average ratings with their mean rating.

	pred_dog	rating_numerator
36	Japanese_spaniel	5.000000
0	Afghan_hound	8.000000
104	soft-coated_wheaten_terrier	8.538462
65	Walker_hound	9.000000
56	Scotch_terrier	9.000000

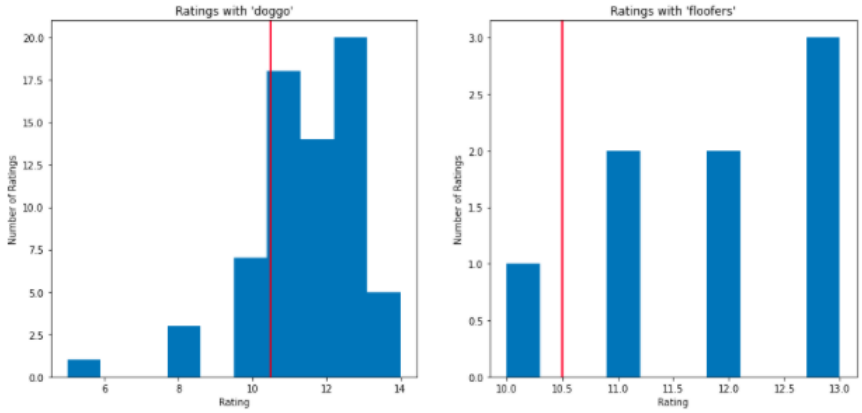
Insight 3

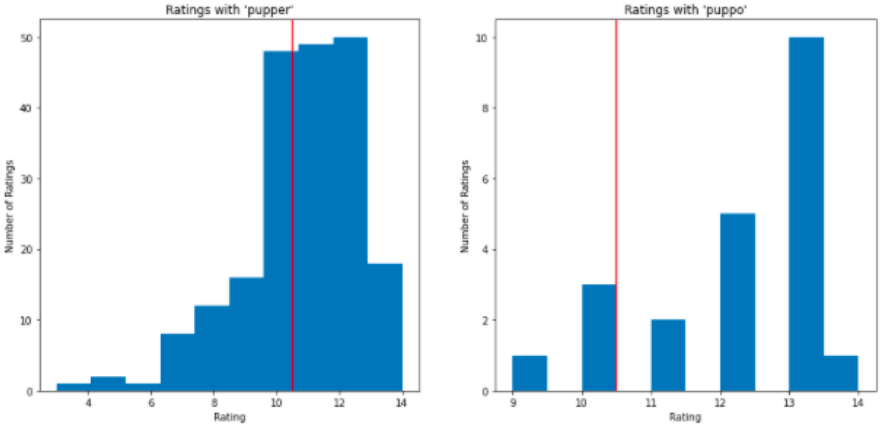
The number of times a dog is tweeted has no correlation with its average rating. Dogs that were not tweeted much had a much larger distribution, having the lowest and highest average ratings, while dogs tweeted often tended to be closer to the middle.



Insight 3

Dogs in the categories ‘fluffo’, ‘puppo’, ‘pupper’, and ‘doggo’ tend to have higher than average ratings. As you can see, the red line is the mean dog rating. Most of the blue for all 4 distribution tend to be higher than the red line.




Ratings with 'pupper'
Number of Ratings
Rating
0
10
20
30
40
50
4
6
8
10
12
14

Ratings with 'puppo'
Number of Ratings
Rating
0
2
4
6
8
10
9
10
11
12
13
14