

Analyzing, and Visualizing Data

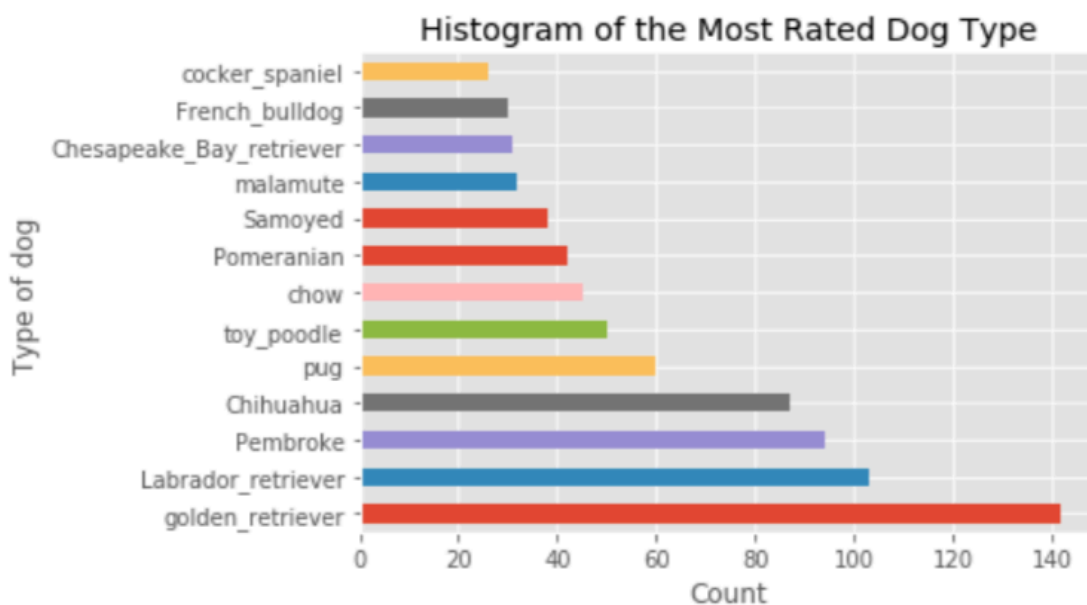
Introduction

First, WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that.

WeRateDogs has over 6 million followers and has received international media coverage. One of those coverage were about the quote "they're good dogs Brent", this was an exchange in which WeRateDogs shut down a person having an issue with its rating system in humorous ways.

So what does this rating do? Which dog type (breed) is most common dog in the tweet dataset? What dog type has the highest average rating? These questions and more are answered in the following insights:

1. What is the most rated dog type?



WeRateDogs has over 6000+ tweets. I was able to analyzed around 1500+ tweets. The most rated dog was golden retriever with more than 140 ratings.

Here is a example picture for a golden retriever:



2. What is the dog with the lowest and the highest average rating?

Here is the result for the lowest:

```
Out[7]: dog_type
Japanese_spaniel          5.000000
Afghan_hound              8.000000
soft-coated_wheaten_terrier 8.800000
Walker_hound              9.000000
Scotch_terrier            9.000000
Tibetan_terrier           9.250000
dalmatian                 9.272727
Boston_bull               9.416667
Saint_Bernard             9.500000
Welsh_springer_spaniel    9.500000
Dandie_Dinmont            9.571429
Norwich_terrier           9.600000
miniature_schnauzer       9.600000
redbone                   9.666667
English_setter            9.714286
Maltese_dog               9.736842
Rhodesian_ridgeback       9.750000
```

And here for the highest:

Gordon_setter	11.750000
silky_terrier	12.000000
standard_schnauzer	12.000000
Tibetan_mastiff	12.000000
Border_terrier	12.142857
Irish_setter	12.333333
briard	12.333333
Saluki	12.500000
Bouvier_des_Flandres	13.000000

Almost all dogs deserve ratings above 10. This is a notable exception (for the curious ones). This Japanese spaniel has the lowest average rating.

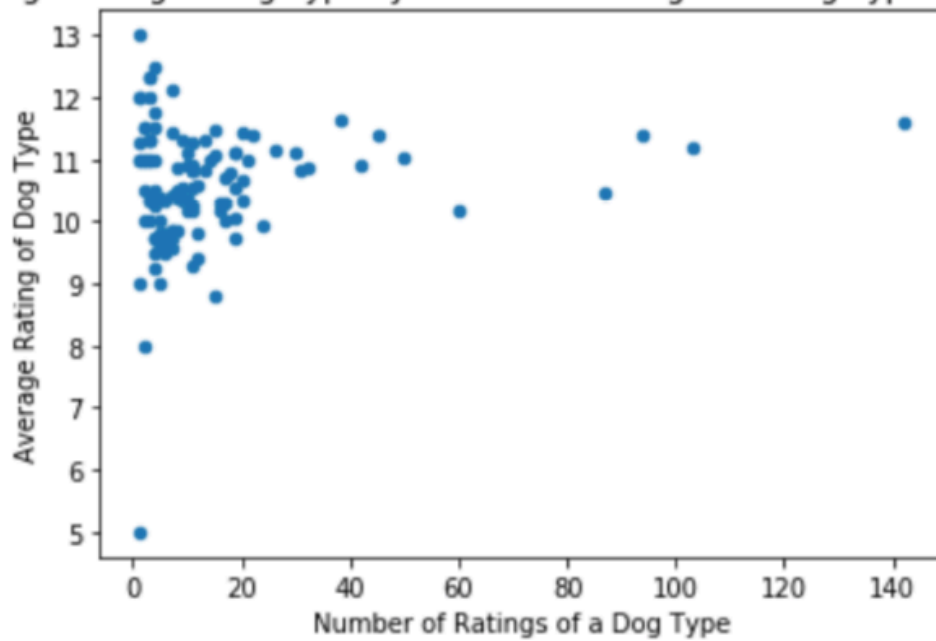


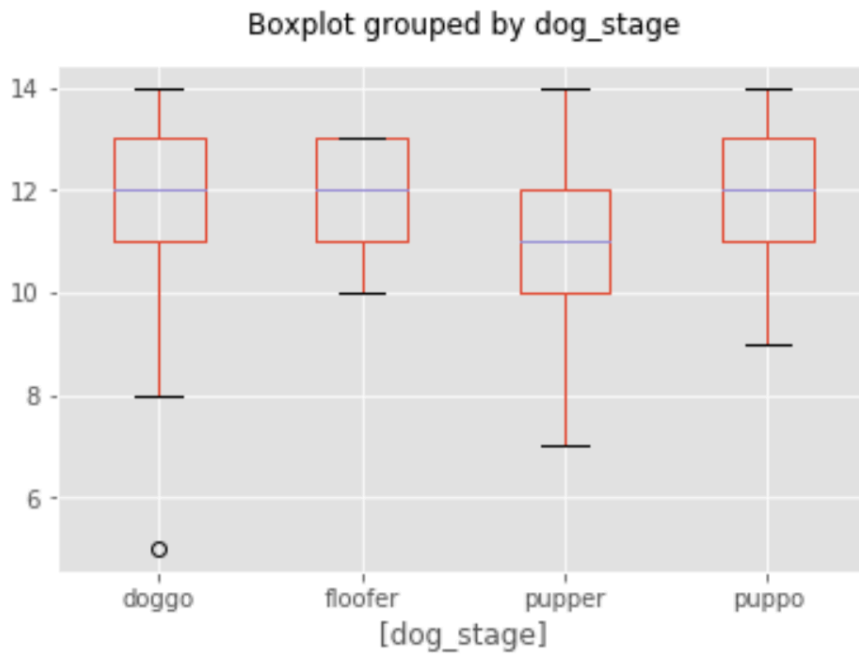
The dog with the highest average rating is The Bouvier des Flandres.

3. Golden retriever stands out!

The blue dot on the very right represents the approximately 140 ratings of golden retriever. On average these ratings are high 11.59. This really shows that the golden retriever is very popular.

Average Rating of Dog Type by Number of Ratings of a Dog Type Scatter Plot





So you can see, Puppies represent the biggest number of our pie, but it has the lowest mean rating.

Conclusion

The Twitter account WeRateDogs (@dog_rates) is devoted to humorously reviewing pictures of dogs doing adorable poses. Dogs are rated on a scale of one to ten, but are invariably given ratings in excess of the maximum, such as "13/10". It has acquired over 4.50 million followers since its debut.