

ANALYSIS AND VISUALIZATION REPORT

INTRODUCTION

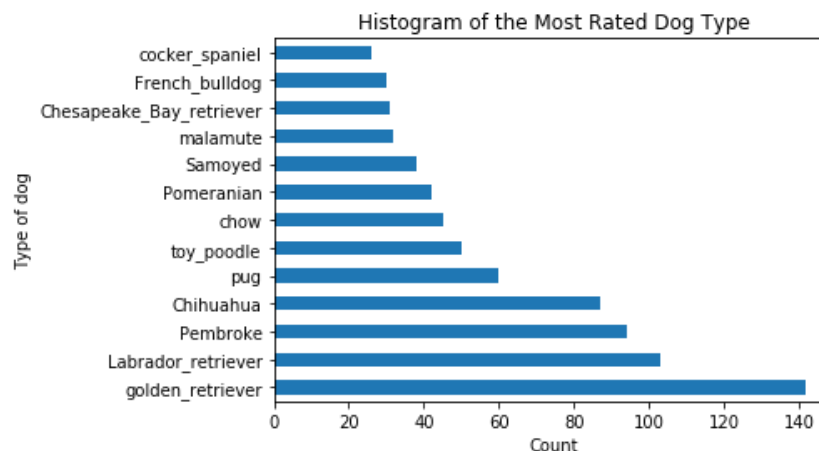
The dataset wrangled in the project in the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. It is a twitter account that rates people's dogs with a humorous comment on each dog. These ratings have a denominator of 10 but most of the time the numerator is greater than 10. In theory the ratings should be between 1 to 10 but almost all dog lovers find it hard to rate the dogs anything less than 10.

WeRateDogs has about 8.7 million followers as of May 2020 and has received international media attention. The data from these posts are analyzed to come to some conclusions.

This project works through the data wrangling process, focusing on gathering, assessing and cleaning data and then visualizing and reporting/documenting the findings.

MOST COMMON DOG TYPE

The most common dog type was golden retriever with over 140 ratings. Golden retriever was clearly ahead of all other dog types by a big margin indicating that it was liked and voted by a large number of people.



AVERAGE RATING AMONG DOG TYPES

The lowest average rating was given to the Japanese Spaniel dog type with 5 as average rating and the highest average rating was given to the Bouvier Des Flandres with 13 as its average rating.

```
dog_type
Japanese_spaniel      5.000000
Afghan_hound          8.000000
soft-coated_wheaten_terrier  8.800000
Walker_hound          9.000000
Scotch_terrier        9.000000
...
Border_terrier        12.142857
Irish_setter          12.333333
briard                12.333333
Saluki                12.500000
Bouvier_des_Flandres  13.000000
Name: rating, Length: 113, dtype: float64
```