

Wrangle and Analyze Data

For this project I had to wrangle and analyze data from a Twitter account named [WeRateDogs](#). This twitter page does exactly what it says. It rates dogs and it's hilarious. The way it works is, you sent them a picture of your dog and they'll give it a score from one to ten. Although sometimes they'll go over the ten and give dogs a 13 out of 10. It's one of the more bizarre but entertaining Twitter accounts I've ever seen. It's also quite popular. The page has 7.22 million followers.

Here is an example of what the page is all about.



WeRateDogs™
@dog_rates [Follow](#)

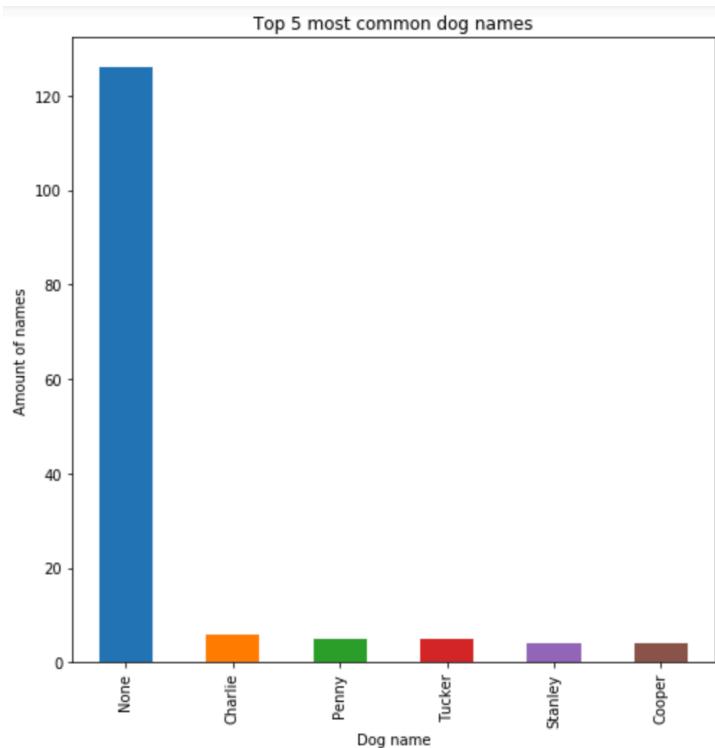
Here's a heartwarming scene of a single father raising his two pups. Downright awe-inspiring af. 12/10 for everyone
3:43 AM - 22 Jul 2016

6,181 10,288

Insights and visualizations:

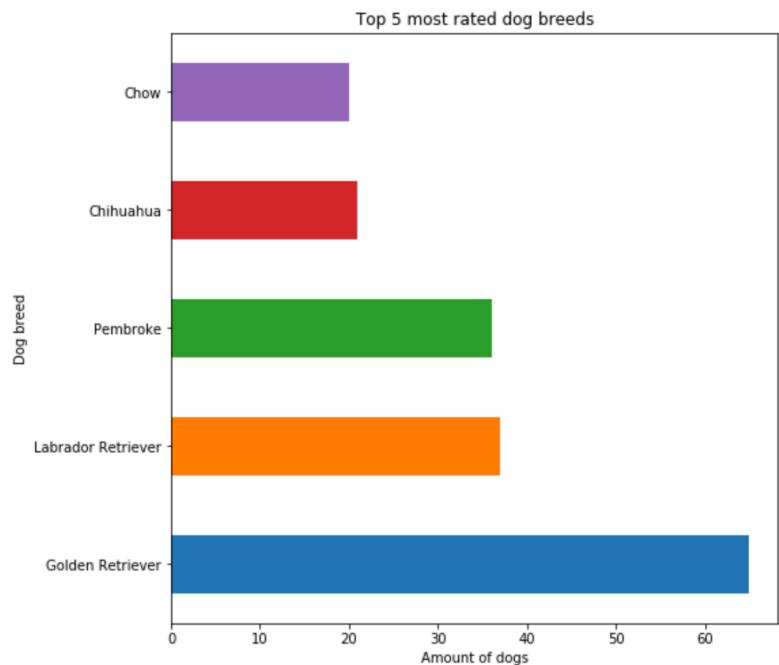
For the analysis of this data I gathered data from three sources. WeRateDogs gave Udacity access to their twitter archive containing basic tweet data for all 5000+ of their tweets as they stood on August 1, 2017. Each image connected to the tweets was run through a neural network with the purpose of analyzing if the network could identify the right breed of dog. The results from this were programmatically downloaded using the Request library as a .tsv file. The data from the third source came from Twitters API.

During this analysis I found out that the most popular dog name was Charlie. There were six dogs with this name in the dataset. Six is not a lot so we can say that people are quite creative when it comes to naming their dogs. Penny, Tucker, Stanley and Cooper were other popular dog names. I made a bar chart to make it more visible. This bar chart is displayed on the right.



Another thing I found out was that a Golden Retriever was the most rated dog breed. A Golden Retriever was rated 65 times. A Labrador Retriever, Pembroke, Chihuahua and Chow were also rated a lot. I made a bar chart to make this insight more visible. This chart is displayed on the right.

For my final insight I looked at the most favourited tweet. This was favourited 141882 times. This tweet was marked with tweet ID 822872901745569793 and it was the tweet displayed at the bottom of this page.



WeRateDogs™

@dog_rates

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Here's a super supportive puppo participating in the Toronto #WomensMarch today. 13/10

