

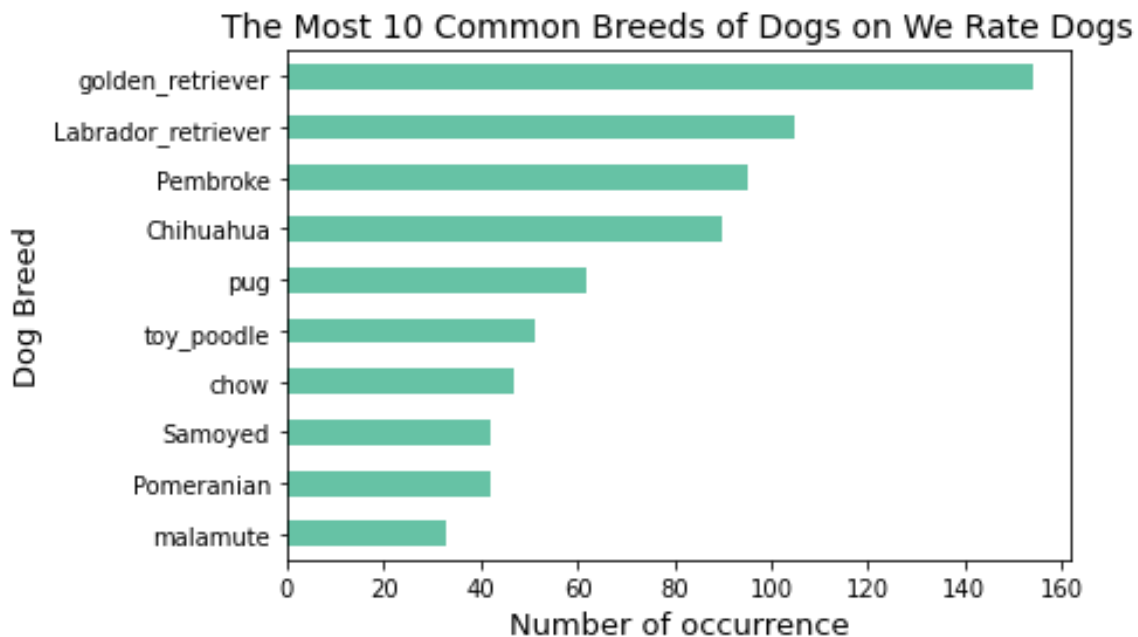
ANALYSIS AND VISUALIZATION

We Rate Dogs Data

Introduction

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, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 9 million followers and has received international media coverage. After the three operations of data wrangling-Gathering, Assessing, Cleaning-The analysis and visualization included answering some of the questions, including the following:

❖ which The Most 10 Common Breeds of Dogs on We Rate Dogs?



The Golden Retriever has the most amount of Number of occurrence, followed by the Labrador Retriever and Pembroke.

❖ Which tweet had the most re-tweets?

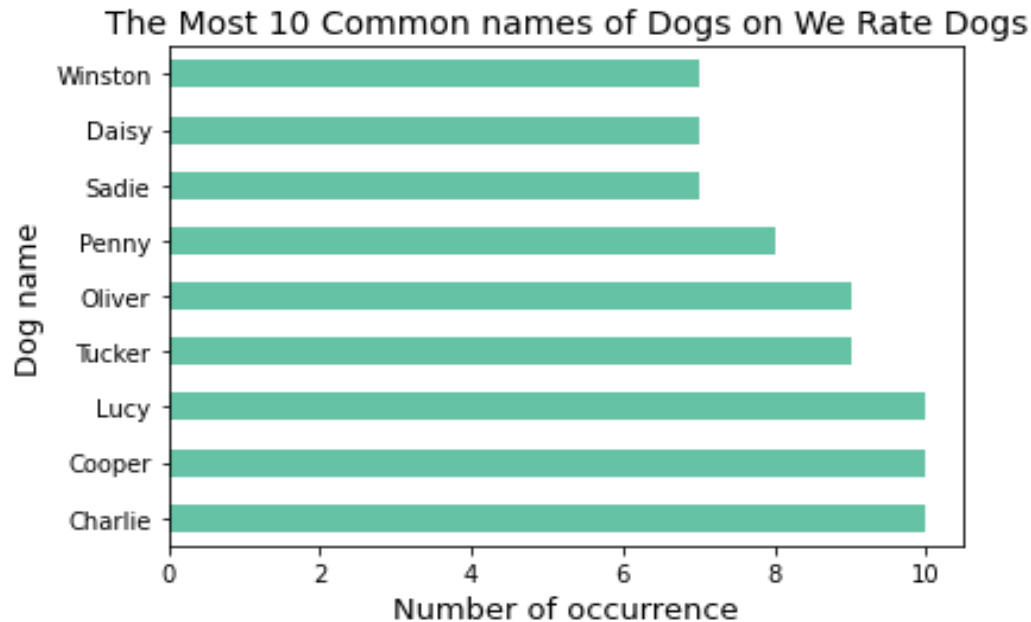
This is the tweet with the most retweets in our data set. The most important information about these tweets is:

- Tweet id: 744234799360020481
- Text: "Here's a doggo realizing you can stand in a pool. 13/10 enlightened af (vid by Tina Conrad)".
- rating: 13/10.
- retweet count: 79515.
- favorite count: 131075.
- dog type: Labrador retriever.
- dog stage: Doggo
- expanded urls: https://twitter.com/dog_rates/status/744234799360020481/video/1
- Note: In fact, the tweet contains a video, not an image.



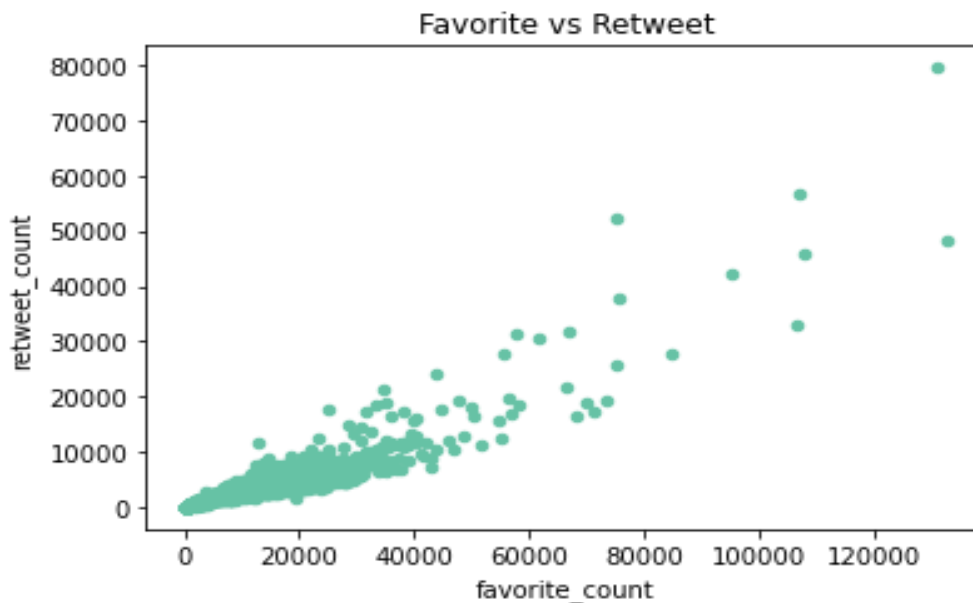
❖ Photo of the dog with the most retweets

❖ Which is the most common dog names?



Several dog names correlate with a value of 10 in this data set, including Charlie, Cooper, and Lucy. And there are those mentioned 9 times like Tucker, Oliver.

❖ What is the relationship between retweets and likes?



The correlation coefficient between `retweet_count` and `favorite_count` is 0.913, which is close to 1 and positive, demonstrating a strong positive correlation between those two metrics.

❖ Which tweet had the most favorites?

This is the tweet with the most likes in our data set. The most important information about these tweets is:

- Tweet id: 822872901745569793
- Text: "Here's a super supportive puppo participating in the Toronto".
- rating: 13/10.
- retweet count: 48265.
- favorite count: 132810.
- dog type: Lakeland terrier.
- dog stage: Puppo
- expanded urls: https://twitter.com/dog_rates/status/822872901745569793/photo/1
- Note: he so cute ^_^.



- ❖ Photo of the dog with the most likes.

❖ Which dog stages have the highest average rating?

	count	mean	std	min	25%	50%	75%	max
dog_stage								
Doggo	54.0	11.925926	1.385257	8.0	11.00	12.0	13.0	14.0
Floofer	7.0	12.000000	1.154701	10.0	11.50	12.0	13.0	13.0
Multiple	10.0	11.300000	2.311805	5.0	11.25	12.0	12.0	13.0
None	1409.0	10.768282	1.815383	0.0	10.00	11.0	12.0	14.0
Pupper	168.0	10.864702	1.405715	7.0	10.00	11.0	12.0	14.0
Puppo	21.0	11.952381	1.321975	9.0	11.00	12.0	13.0	14.0

As we can see through the statistics, the stage of the dog with the highest average rating is Floofer(12.00) followed by Puppo (11.95), Doggo(11.92) and the last Pupper(10.86).