

Act Report - Project 4 Udacity

by Bianca Friz

¡Welcome visitor! For this new post we will see the insights of the Data Wrangling process on the WeRateDogs Twitter account, **@dog_rates**. This user rates people's dogs with a humorous comment about the dog. They have a rating system where the denominator is 10 but the numerator could always go higher.

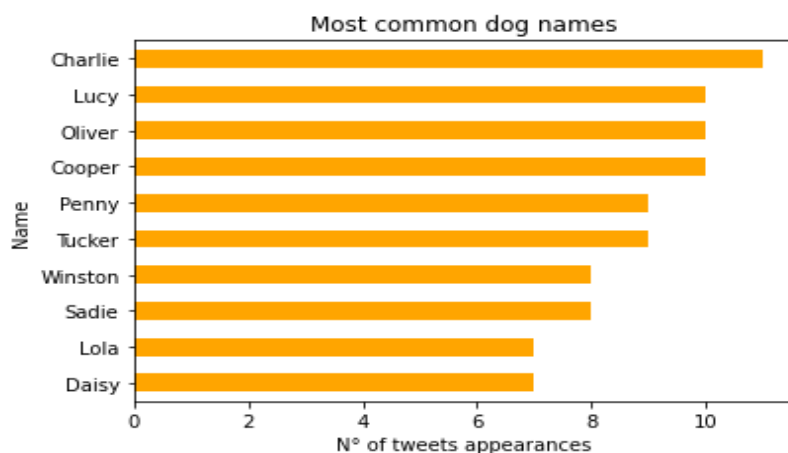


Figure 1: "Top tweeted names"

One of the first highlights captured from the data were the most common names of dogs tweeted. In which Charlie, Lucy and Oliver are at the top with a respective 11, 10 and 10 times presence, as it shows the **Figure 1**.

On the other side, it was interesting to see which dog was qualified with the highest rating. In this case the highest rating with a huge 1776/10 was won by the one and only: Atticus, modelling a bow tie and sunglasses celebrating the 4th of July, as shown in the **Figure 2**.

The highest rating goes to Atticus

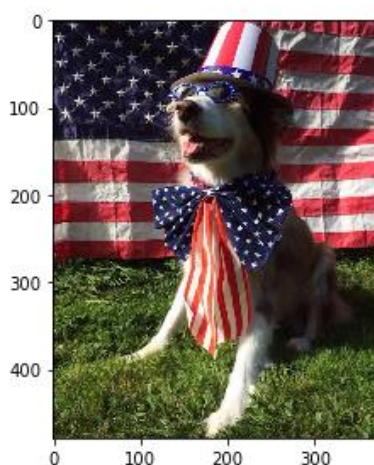


Figure 2: "Winner of the highest rating"

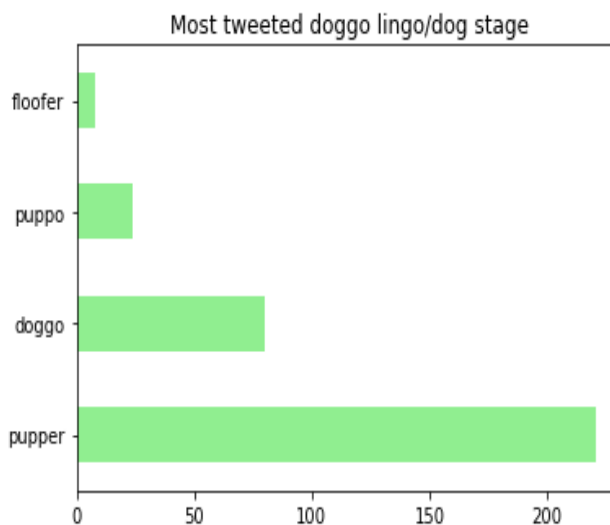


Figure 3: "Most tweeted dog stage"

Furthermore, other insight find was the most common dog stage mentioned in the tweets, as shown in **Figure 3**. In which case, “Pupper”, the category for dogs who are usually younger, inexperienced or unprepared for bigger responsibilities, is the dog that is most frequently tweeted.

On the other hand, an interesting exploration to made is the correlation between some columns of the dataframe. Out of this exploration, we identify from the correlation matrix, that the number of favorites and retweets of a tweet had a high correlation of 91%. Meanwhile, contrary as expected the rating had a low correlation with the number of retweets or favorites a tweet gets, which is demonstrated by a correlation of only 0.013853 (13,9%) for the count of retweets and 0.009988 (0.9%) for the count of favorites.

The different dogs mentioned on the tweets of WeRateDogs included an extensive list of breeds, so we decided to find out what was the top 5 most repeated dog breeds in the account tweets. By our surprise, the breeds were Golden Retriever with an appearance of 143, followed by Labrador Retriever with 96, Pembroke with 88, Chihuahua with 79 and at the 5th place, pug with 54 tweets. In addition, the percentage of the Golden Retriever in the tweets of the @dog_rates account, occupies an impressive 31,09% of all the tweets.

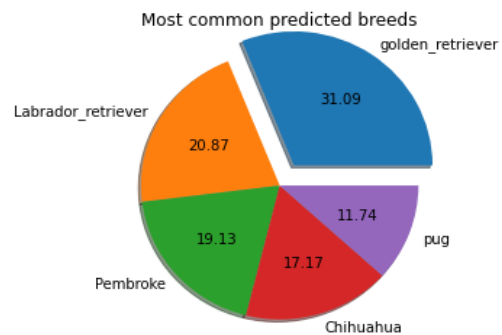


Figure 4: "Top 5 most tweeted breeds"

Finally, one of the most important things that we wanted to discover was the dog that captured the hearts from twitter users. In other words, the tweet with the dog who got the most favorites and retweets overall. The place for this one was no other than a Lakeland Terrier, in the stage of Puppo, who moved people with their support and participation in marches. However, this one is an example that proved that the correlation between the rating and retweet, favorites was low, in which despites being the dearest dog, only got 13/10.

The highest favorited and 4th most retweeted dog is a Lakeland_terrier:

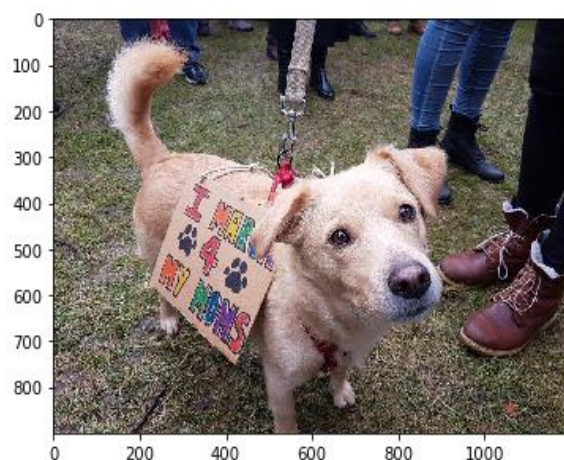


Figure 5: "Highest retweeted and favorited dog overall"