

WeRateDogs Data Analysis

Overview

WeRateDogs is a popular twitter account that was launched on November 15, 2015. It's a Twitter account that rates people's dogs with a humorous comment about the dog, and with a score usually above 10/10. As part of a Udacity project, I was tasked with wrangling, analyzing, and visualizing a dataset consisting of the WeRateDogs tweet archive starting from their first tweet to August 1, 2017. However, instead of analyzing all of their tweets, we will only be analyzing the tweets that contained original WeRateDog dog ratings, while also leaving out retweets, etc.

Data Analysis

The 3 main questions that I explored were:

1. **What are the top 5 most common dog names?**
2. **What is the average retweet and favorite count per tweet?**
3. **What are the most common dog stages.**

After completing this, I found the following 3 insights:

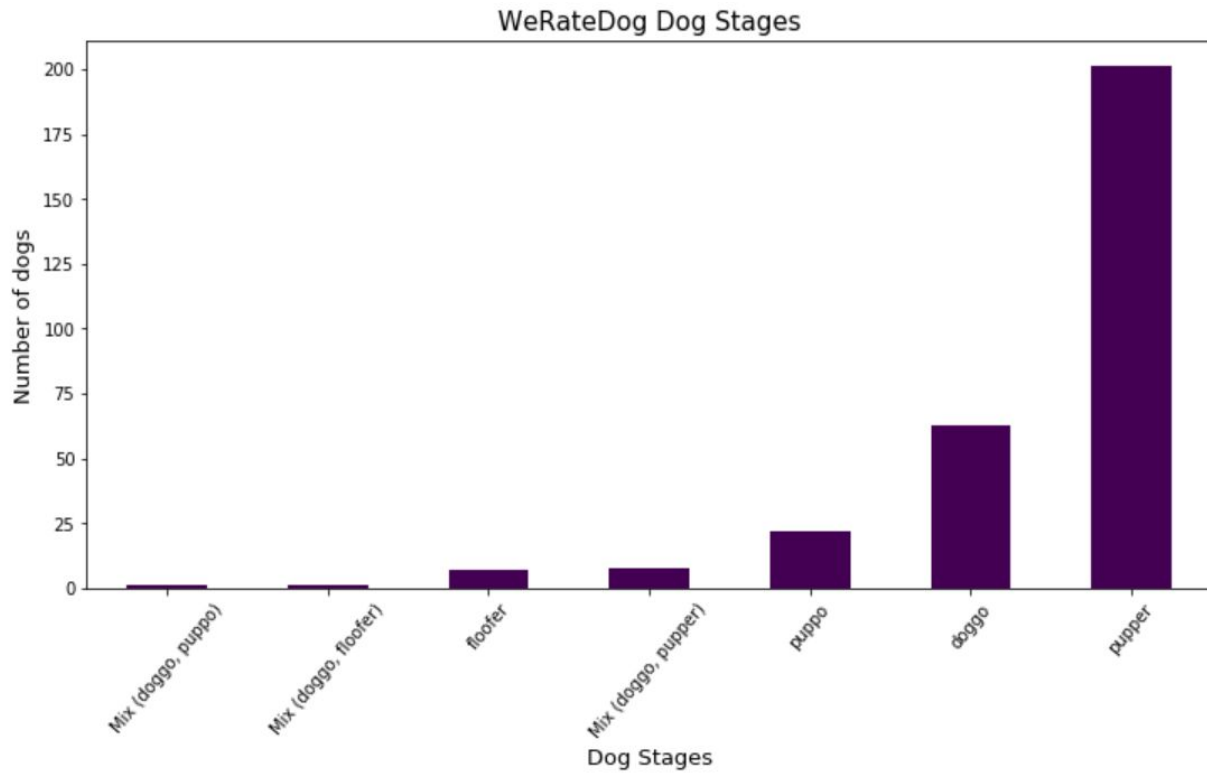
1. **The top five most common dog names (most to least) are 'Charlie', 'Tucker', 'Cooper', 'Lucy', and 'Penny'/'Oliver' (tied for 5th).**

Though these 6 names were the most common out of the 883 unique names, they each only had at most ten counts, so they were not truly that common.

2. **The average WeRateDogs retweet count is roughly 2618 retweets, and the average favorite count is approximately 8636 favorites.**

A thing to note is that these numbers are only referring to the retweet count and favorite count for tweets that contain original ratings. Additionally, and most likely more importantly, this is averaged out over the entire lifespan of the WeRateDogs account, including tweets from before it reached its currently high levels of popularity. These raw averages are most likely weighed down by the account's earlier tweets, where they may only have received a few dozen retweets/favorites each.

3. **By a fairly large margin, dogs in the 'pupper' stage (small and young) are overwhelmingly shown with 201 instances, compared to the next closest dog stage of 'doggo' (big and older) at 63.**



Graph of the different dog stages in the dataset

The main caveat the note with this insight, is that only around 15.3% of WeRateDog rating tweets included a dog stage. Due to this low percentage, it's hard to gain a true understanding of what dog stages were most shared by the account.