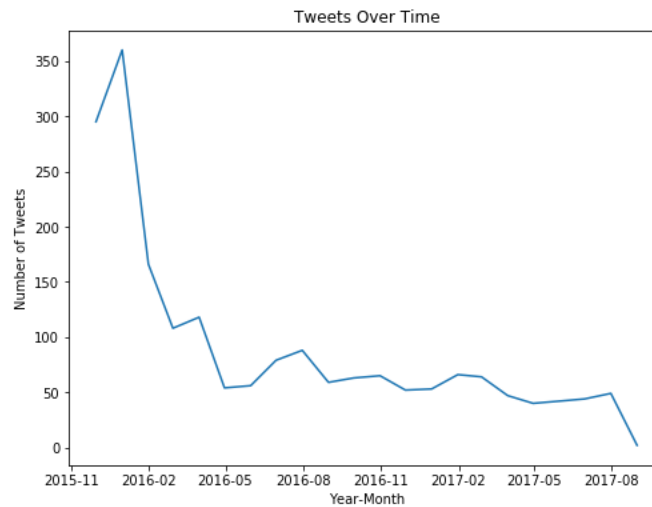


Twitter account WeRateDogs ([@dog_rates](#)) rates people's dogs with a humorous comment about the dog. But the best part? These ratings are almost always out of 10, yet also almost always greater than 10. Simply put, good dogs get good ratings. Since it's such a popular account with almost more than 4 million followers at the point of data-collection (and at almost 9 million as of EOY 2020!), it obviously means that we have to do some good ol' data analysis!

After a huge effort of wrangling data, I finally created a working dataset. Below will be some questions I asked and analyzed, with some data visualizations to support my insights.

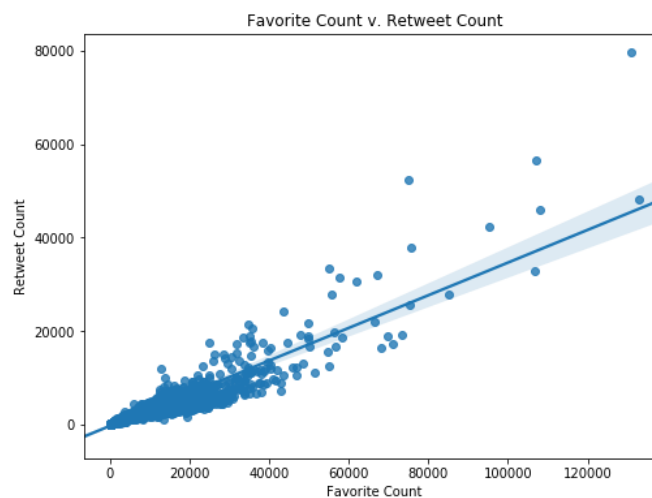
1. How often did WeRateDogs tweet over time?

WeRateDogs was extremely active in tweeting around January 2016, then there was a sharp decrease in tweets right after. While WeRateDogs continued to tweet in 2016 and 2017, activity generally trended low compared to the earlier days.



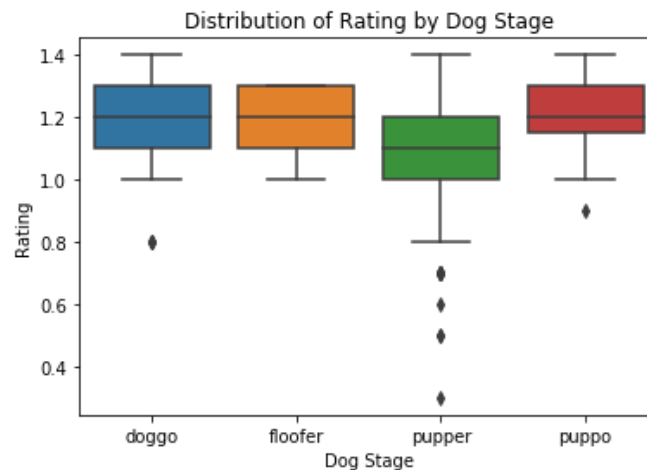
2. What is the relationship between favorite count and retweet count?

There is a strong positive correlation ($r = 0.91$) between favorite count and retweet count. This makes sense, as the more a tweet is interacted with, the more it spreads around and even more users interact with it.



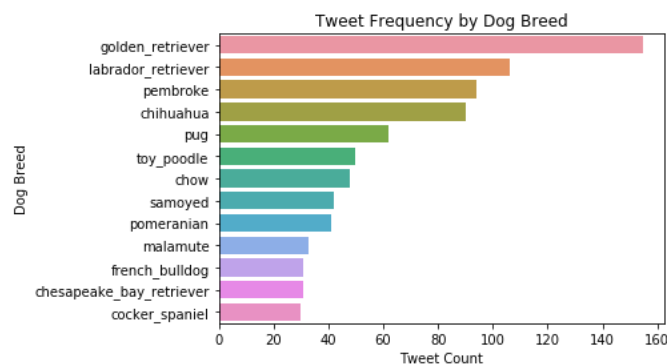
3. What is the distribution of ratings for each dog stage?

True to WeRateDogs' unique rating system, most tweets despite dog stage rated at or above 10 out of 10 (hence rating ≥ 1). Doggo, floofer, and puppo both averaged at 1.2 (12/10), while pupper averaged at 1.1 (11/10). Surprisingly, there were more than a couple puppers that ranked lower than 10/10.



4. What is the tweet frequency of popular dog breeds?

The most tweeted dog breed by WeRateDogs was the golden retriever, at 155 tweets. Labrador retriever and pembroke followed by a decently wide margin, at 106 and 94, respectively.



There is so much data out there to gather and explore. WeRateDogs' data is a great place to start your journey!