Brad DeFauw
badefauw@gmail.com

Insights and Visualizations Report

After gathering, assessing and cleaning my data, it became time to interpret and analyze my newly cleaned data. Although many insights could have been formed from this data, I focused on three, as well as one visualization. Each are detailed below.

Insight #1: What is the most popular tweet?

There is some debate around what qualifies a tweet as most popular, but in this case, I gauged popularity by retweet count. After sorting my data by retweet count, I found that this tweet showcasing a yellow lab realizing he could stand instead of swimming in a pool is @dog_rates most retweeted tweet of all time, coming in with over 79,000 retweets. That's over 20,000 more than the next highest amount of retweets! This good boy deserves every part of his 13/10 rating.

Insight #2: What is the most common dog name on this platform?

As someone who is constantly debating getting a pupper for myself, a question that goes through my mind is: What would I name them? With that thought in mind, I attempted to sort my data to find the most popular dog name from the @dog_rates twitter account. There were actually two winners, each appearing eleven times in the database - Charlie and Lucy. Following close behind were Cooper and Oliver, with ten appearances each, and Penny and Tucker, with nine appearances each after that.

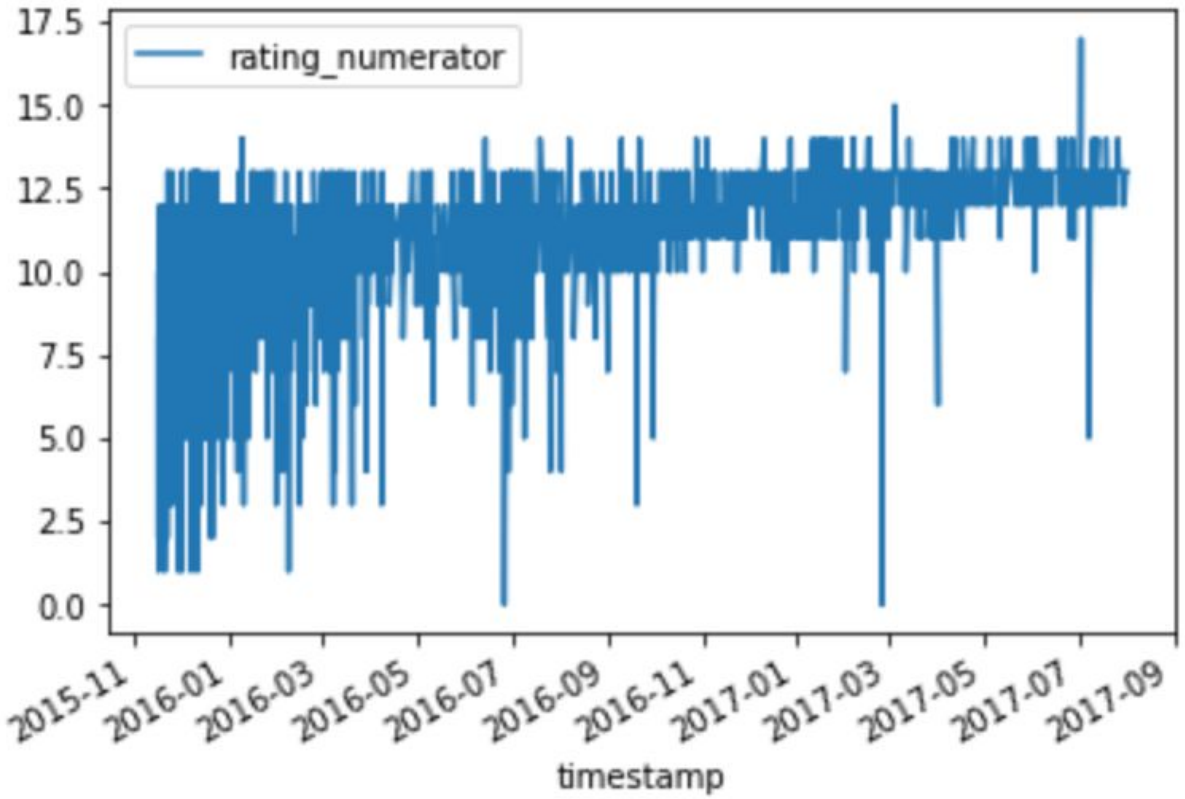
Insight #3: What's the average rating of each dog?

OK, so all these puppos are "good dogs." But if every dog is good, what makes one great? After cleaning my data, I found that the "average" mean rating of the dogs in this database is around 10.6, while the median of the database is 11.0. One day, I'll make sure to get a doggo featured with a score of 12 or higher!

Visualization: Ratings Over Time

I was interested in seeing how the ratings of these puppers have changed over time. Were ratings higher initially, and then came back down, or vice versa? Have the ratings been stagnant? I will use a scatter plot to showcase this data. Rating numerators are the y-axis, and time is along the x-axis.

Brad DeFauw
badefauw@gmail.com



Although there is variation throughout, this graph shows a positive trend as time goes on, implying that ratings have gradually increased over time.