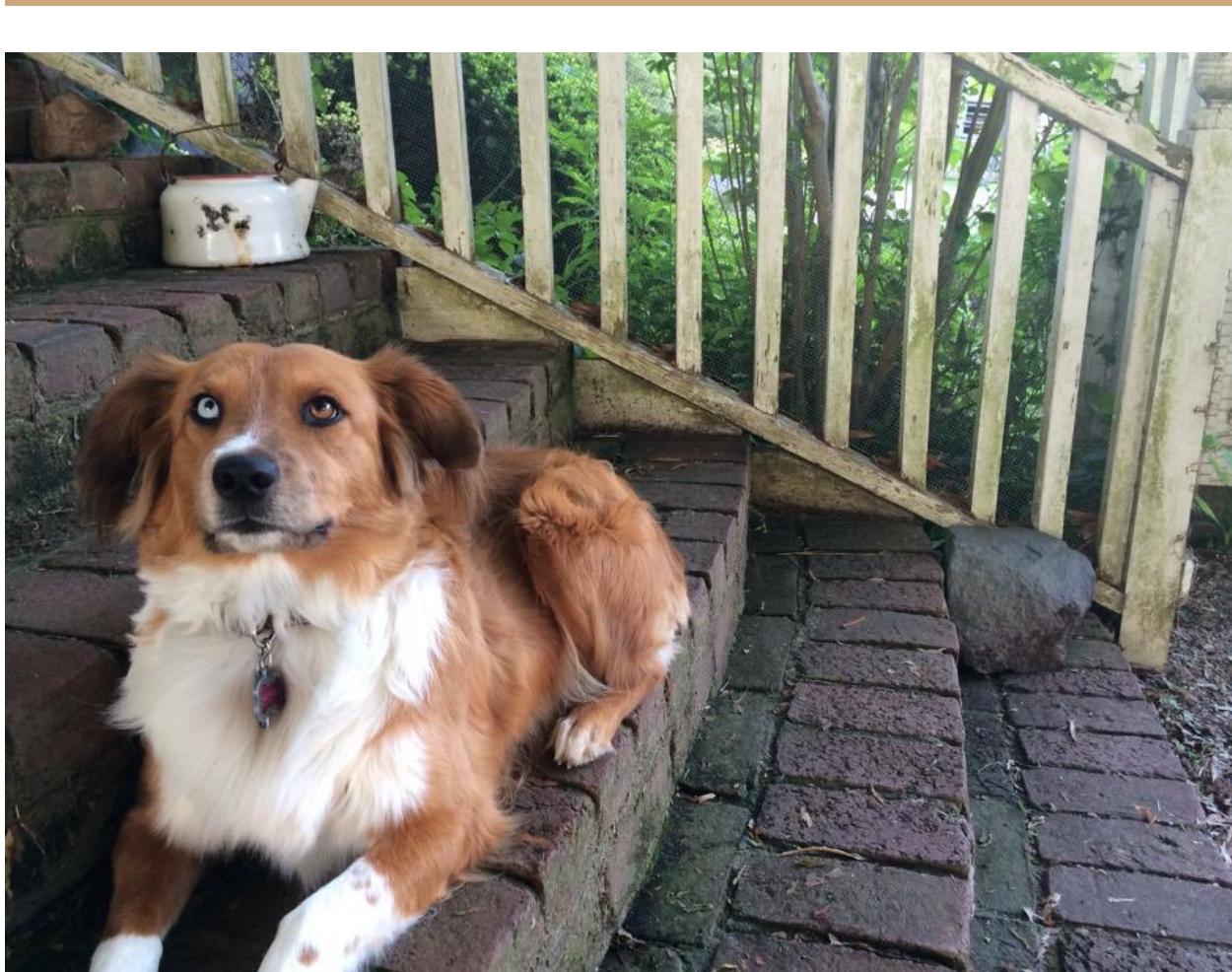


Report: act_report

WeRateDogs analysis



Introduction

I wrangled, analyzed and visualized the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with humorous comments about the dog. These ratings almost always have a denominator of 10 and a numerator usually above 10.

Insights

After wrangling the data, I found out that:

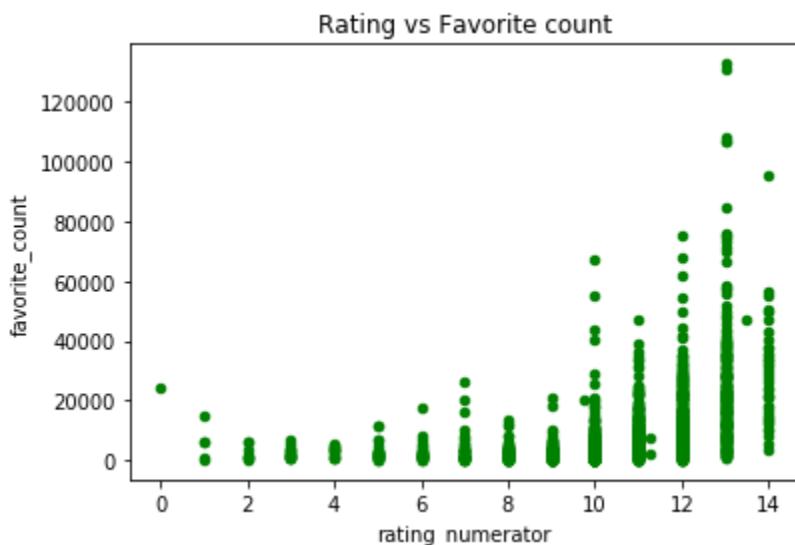
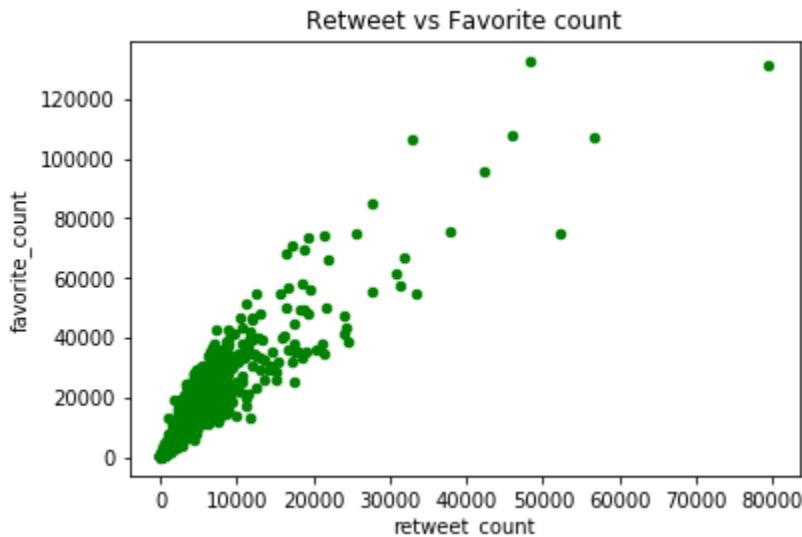
1. The average rating for the dogs was around 12 This means if a dog got a rating higher than 12, the dog was better than your average dog and this is an example of such a dog:



Now, isn't that dog cute?

2. I ran a correlation analysis, which showed that there is a strong positive relationship between the number of times a dog tweet is favorited and when it is retweeted and there is

also a good relationship between both retweet and favorite count and the rating the dog gets (when outliers were removed) . These are visualized below.



Below is an image of Cassie, she is a doggo with high ratings and a lot of retweets; Isn't she absolutely cute?



3. A machine learning model was used to identify the dog breed in the images and there were several images that the machine learning model could not identify the dog in them with significant confidence but where the model could identify the dog breed, the soft coated wheaten terrier had the highest rating, followed by the west highland white terrier breed.



Above is a west highland white terrier and below is a Clumber (because I love clumbers)



4. I know you are curious to know which dog had the highest rating. I was too and I typed in some code and got him. His name is Atticus but I would call him 'Captain America'.



Atticus aka Captain America

I wasn't a lover of dogs before but these cute pictures are winning me over. To see more cute pictures like these and perhaps get to rate your own cute dogs, check out **@dog_rates** on **Twitter**.