

ACT REPORT

INTRODUCTION

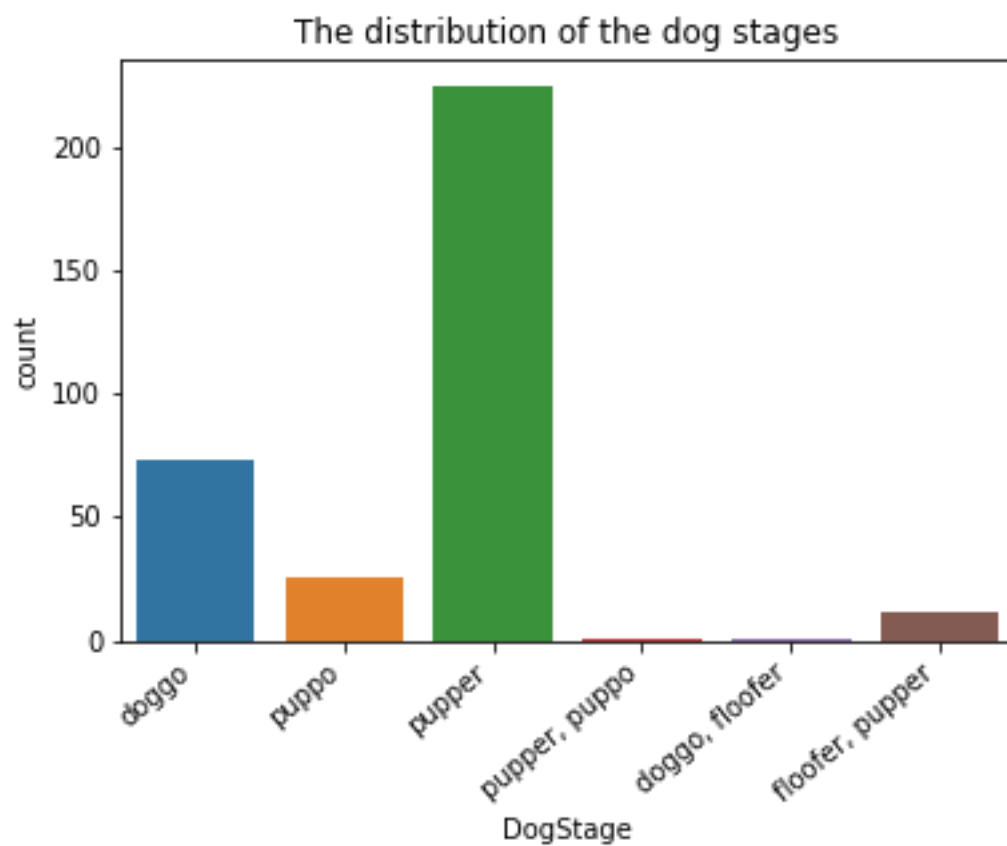
WeRateDogs is a Twitter account that rate dogs' picture with a nice comment twitted by users. It was started in 2015 by Matt Nelson and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter. As of October 2017, the Twitter account has close to four million followers and Nelson sees 30,000 likes on a post as being viral. His most popular post was of a dog marching in the 2017 Women's March, which was retweeted more than 50,000 times and favorited 134,000 times [ref 1].



The clean DataFrame contains 2148 observations. The key information includes dog stage, dog rating, and Tweet image prediction.

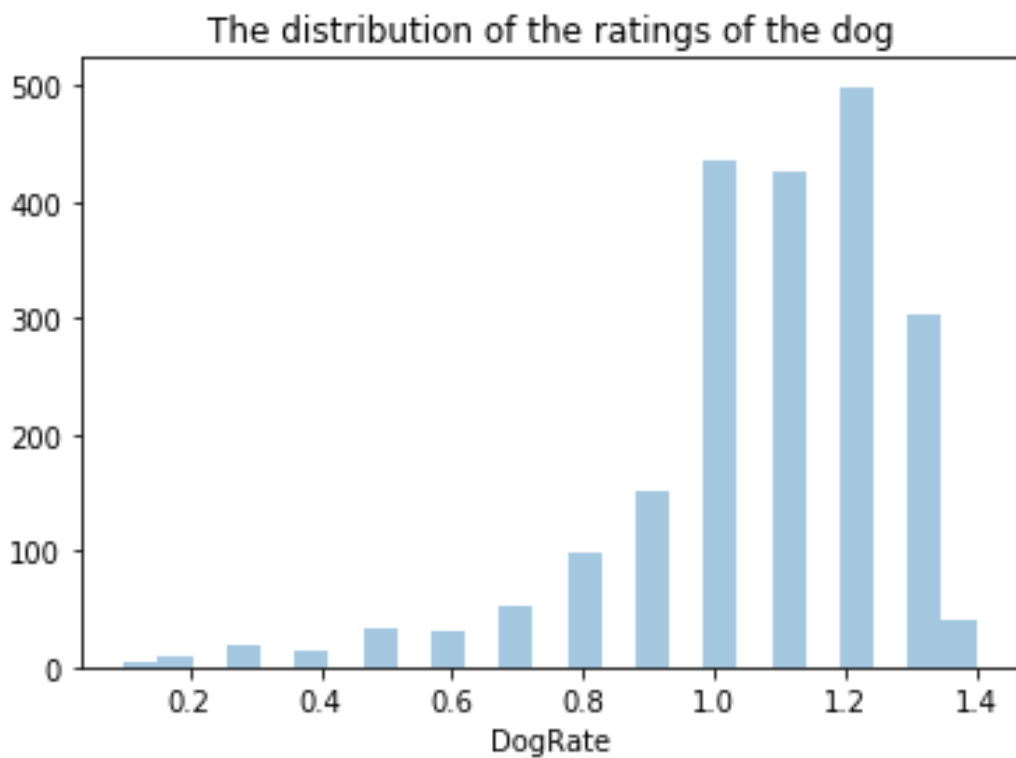
STAGES OF DOG

As the stages of dog were not mentioned in most of the tweets or most of the information about the dog stages are lost. The total sum of the tweets has the information about the stages of the dog is small (336 tweets)



DOG RATING

According to the chart below the mean for rating is 1.064. the ratings range from 0 to 1.4. We can see the 3 most common ratings are between 1.0 – 1.2, and rating frequency becomes smaller as the rating becomes extreme.



TWEET IMAGE PREDICTIONS

Using the first prediction from the neural network model, I generate a plot of the top 10 predicted dogs in the tweets. If the algorithm of prediction is accurate, this plot may suggest the popular dog breeds among the twitter users.

