

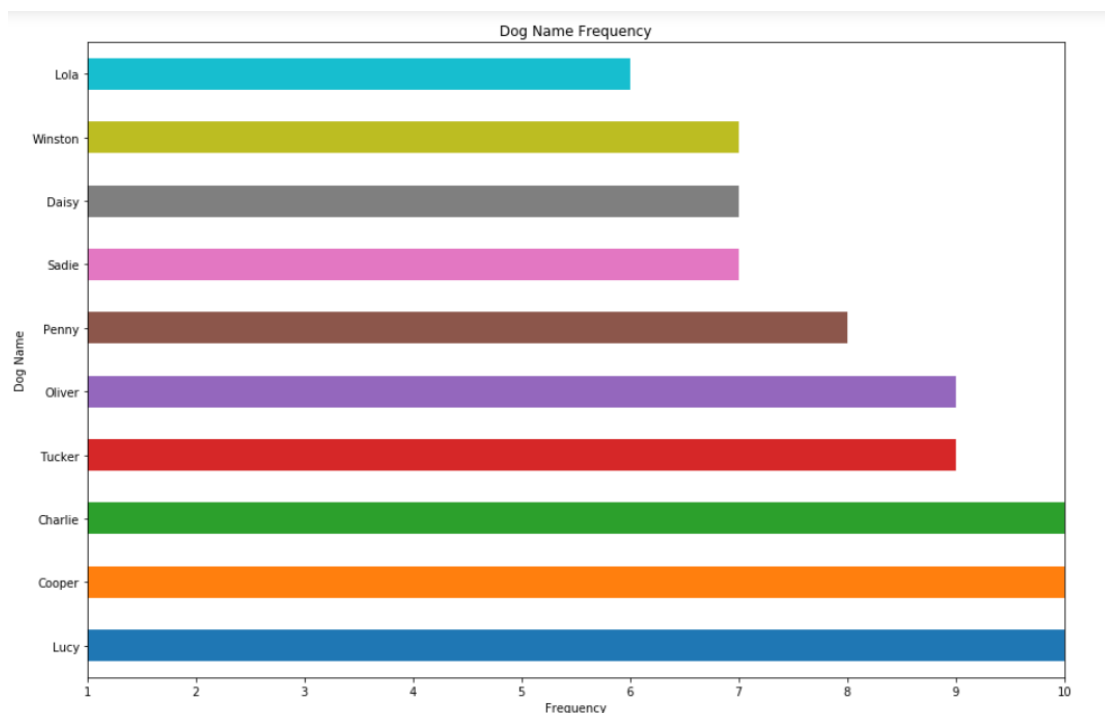
WeRateDogs

Introduction

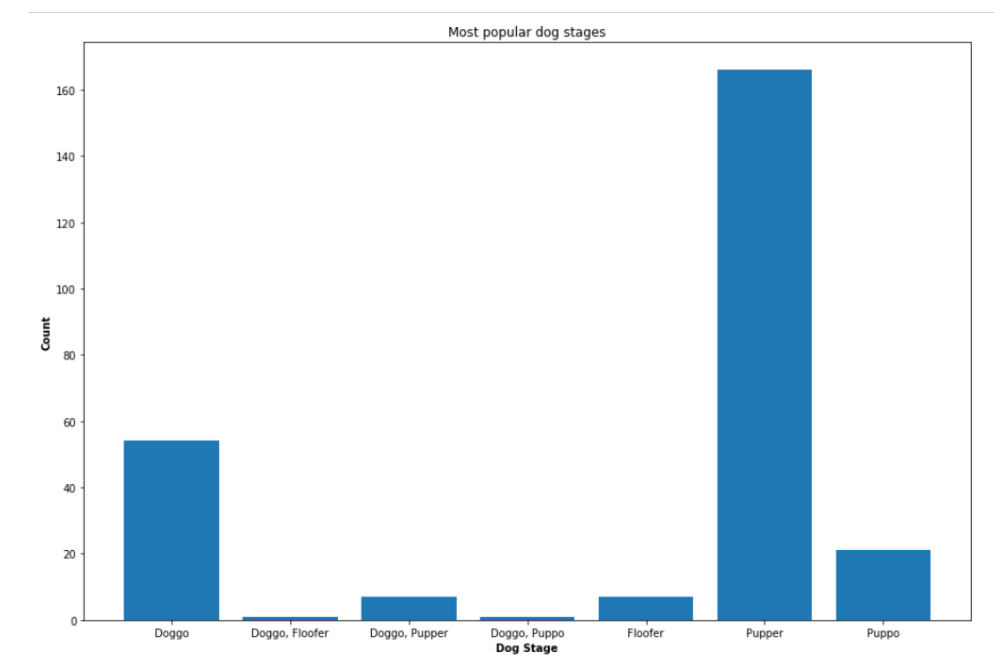
WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. WeRateDogs has over 4 million followers and has received international media coverage. Fortunately Twitter has developed a developer's API that allows the retrieval of this dog tweet data. Combined with data from a neural network algorithm that can predict various dog breeds along with twitter JSON data. Using data wrangling techniques this large volume of data can be gathered, assessed cleaned, and combined to provide insights into how the data is correlated.

Most Common Dog Name

The cleaned combined data consists of nearly 850 tweets that contain, among other data, the dogs names. A visualization of the data shows that the most popular dog name contained in data is Cooper, Lucy and Charile



Most popular dog stage



Breed predictions

The data also contains predictions of the various dog breeds. The prediction were generated by running the tweets through a neural network that can classify breeds of dogs. The most frequent dog breed first prediction for a given dog is golden retriever followed by Labrador retriever in the second and third predictions. The prediction algorithm has a 63% confidence for the first prediction followed by 14% for the second prediction and only 6% for the third prediction.

