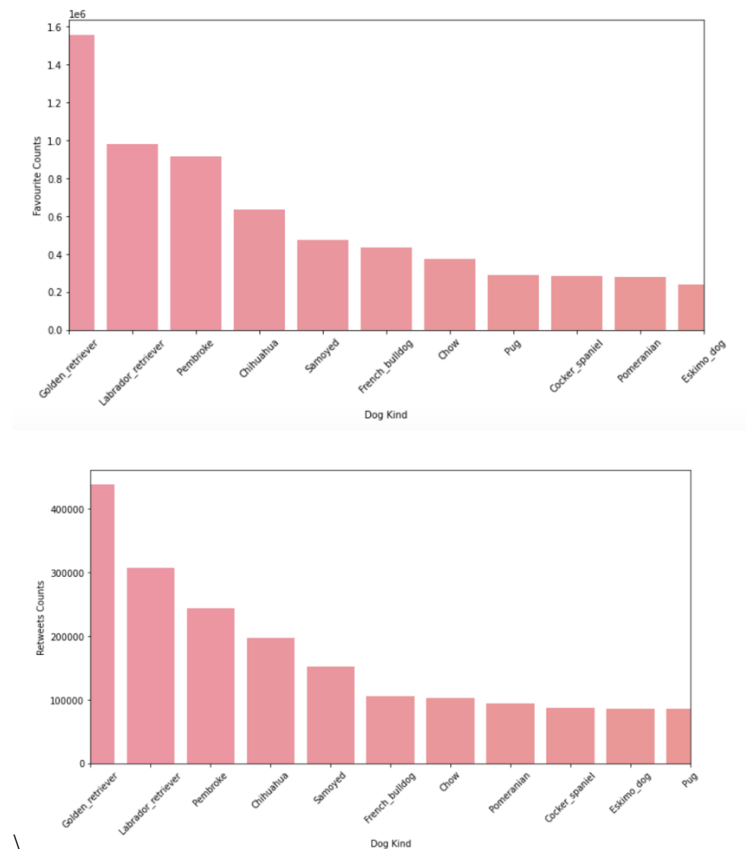


WeRateDogs Project Report

Project Goal

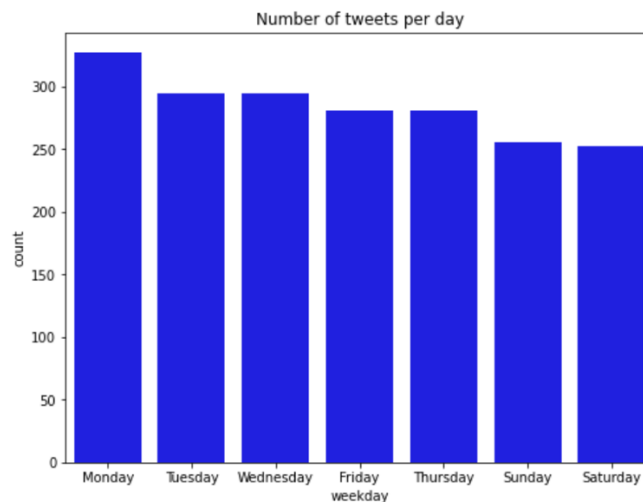
Wrangle WeRateDogs Twitter data to practice what I learned in this session of classes. Gather, assess, clean and analyze the datasets from three different sources to generate interesting insights and valuable visualizations.

Insight 1: Favorite and retweet counts for different dog kind



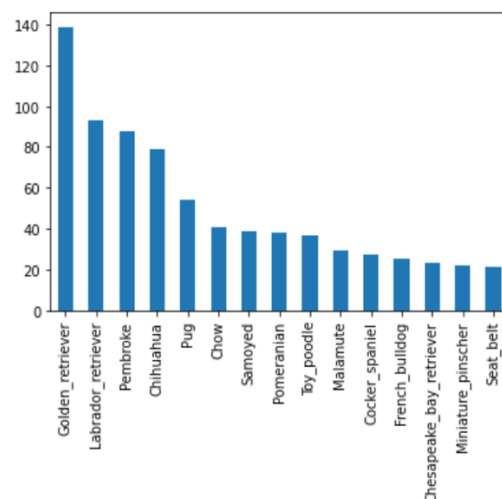
We found that people have the same tendency to like and retweet the same dog kind in general, since the top 10 for both charts are mostly the same, which means that the favorite counts and retweets counts are in high correlations.

Insight 2: What day of the week people like to tweet?



This result is different than what people would usually think as people would tweet or use social media more in the weekends. This chart shows that people actually tweets more about dogs on Mondays. The weekends are actually the slowest out of the whole week, although it could be biased because of the specific topic we are analyzing here.

Insight 3: What is the most predicted dog kind?



With the accurate prediction from the data, we can see that the most predicted dog kinds are golden retriever, Labrador retriever, and Pembroke. It can also tell that the number of images posted in the tweets are usually in positive correlation with this result. As the more images of a certain kind of dog can help with the prediction accuracy of it since the model will have more data points to train and then predict. Also, this result conform to the first insight we have as well, all the factors are in positive correlations.