ANALYSIS AND VISUALIZATION

By Deborah Sani

WeRateDogs Data:

The weRateDogs Enhanced Twitter archive contains data extracted from 2356 of the 5000+ tweet from the @dog_rate twitter account, posted between November 15, 2015 and August 1, 2017. This data comprises of dog rating that were taken from the text tweet along with the dog name and dog stage if present.

The retweet count and favorite count for each tweet were not included in the enhance archive, so I had to download the additional data from the one provided by udacity server into my work space.

Along with the Twitter archive I downloaded the image predictions file from the Udacity server containing the top (3) prediction.
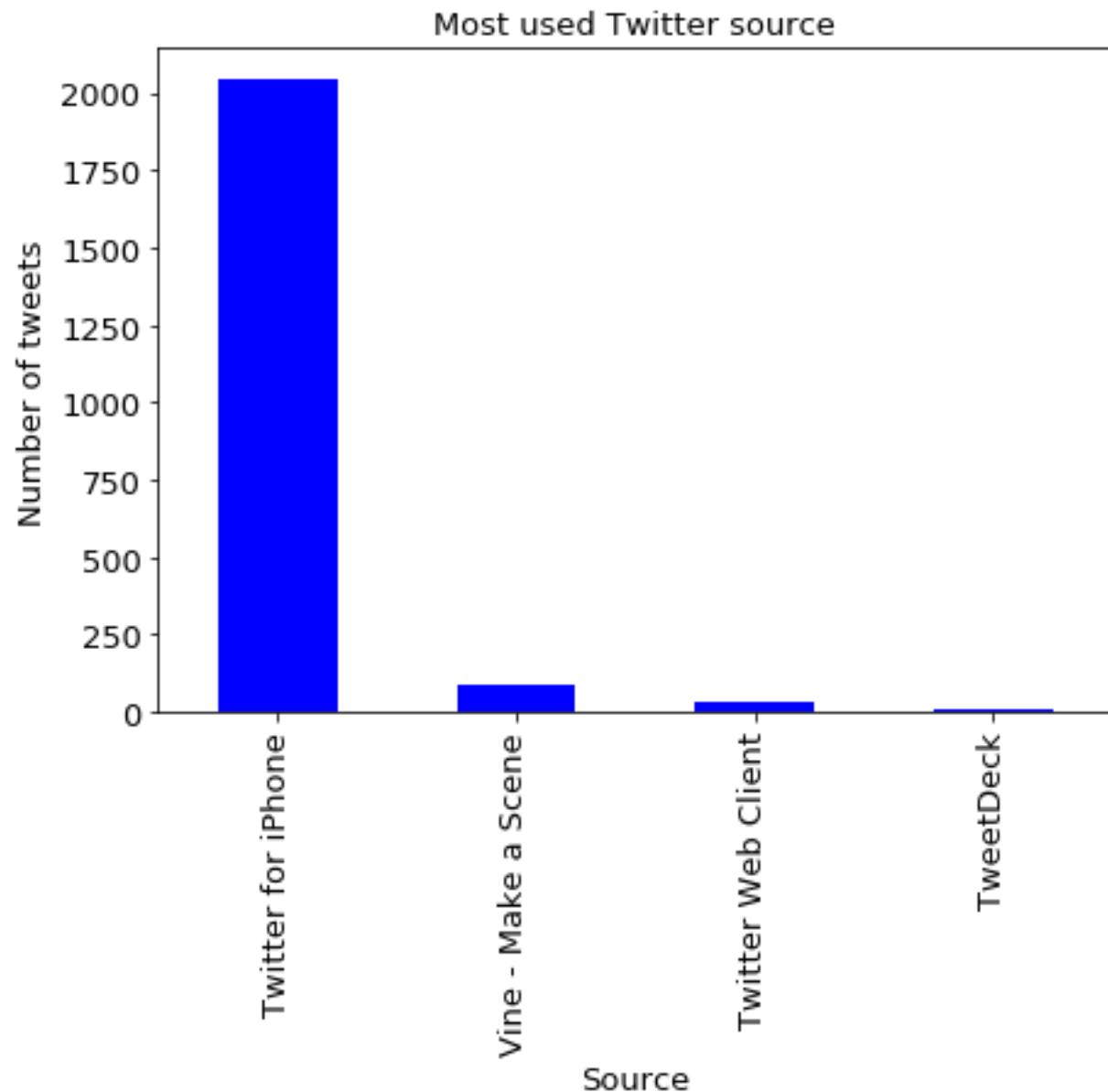
Data Wrangling:

Before I started my analysis, the data was wrangled into shape to make it easier. I assessed the data visually and programmatically for quality and tidiness; the quality of data is determined by looking at several aspects of the data to ensure that it is complete, valid and accurate and consistent.

After cleaning many issues, I found while assessing the data I discovered that there were about 1950 tweet with good data quality.
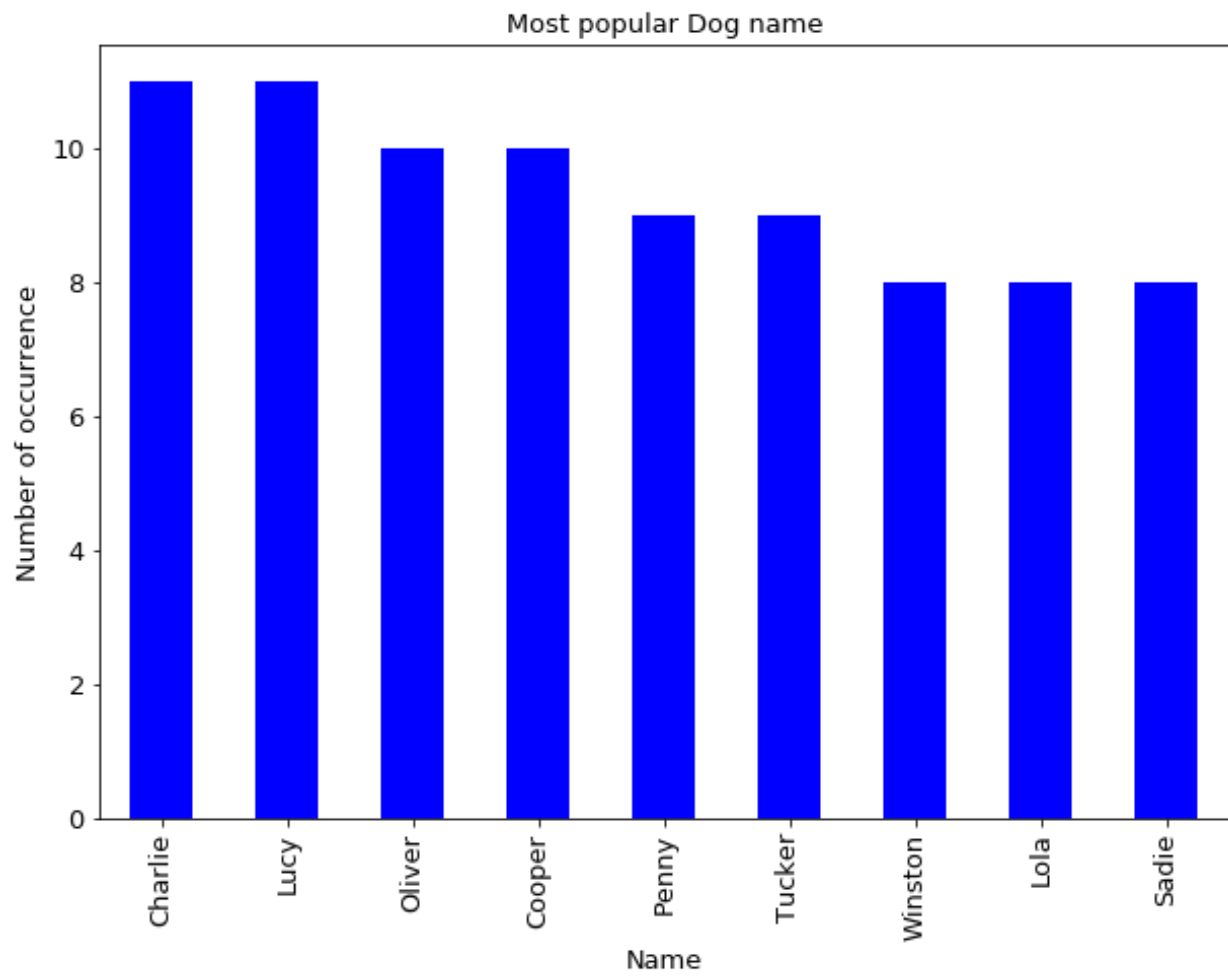
INSIGHTS:

1. Most Used Twitter Source?
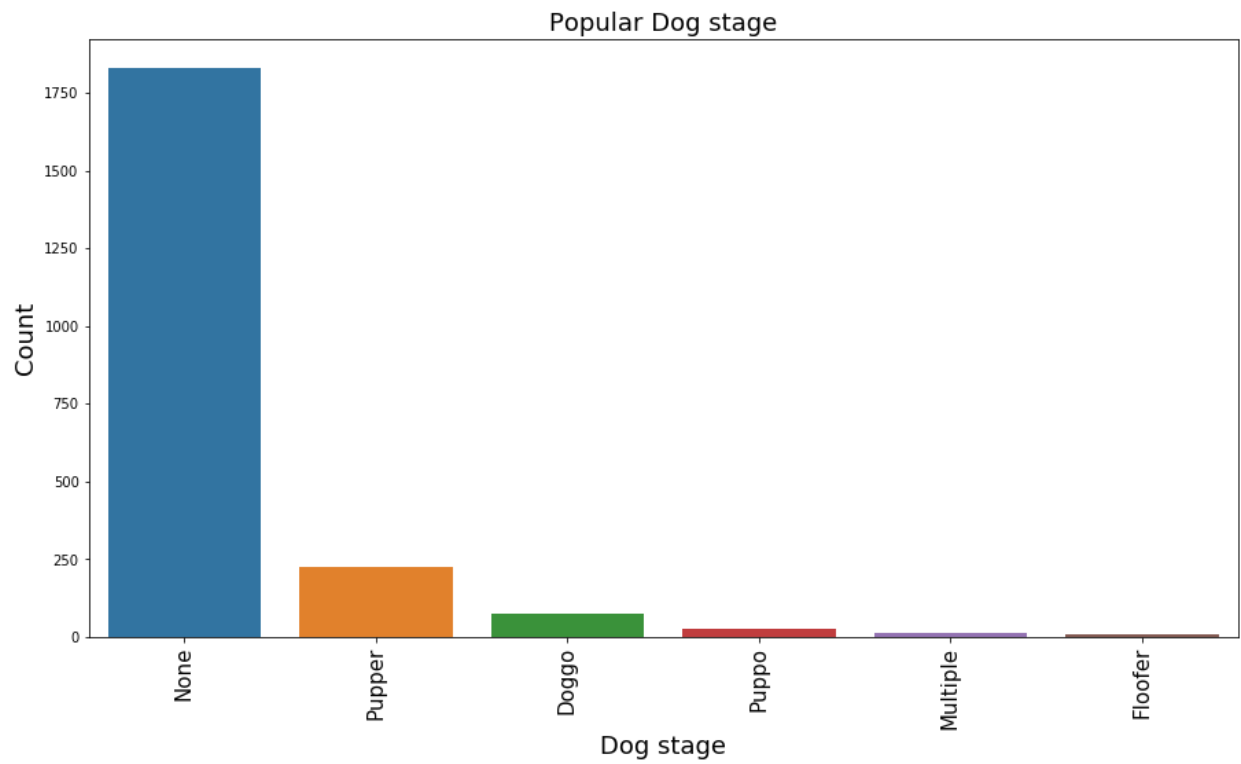
Most used Twitter source

The users make use of Twitter for iphone, Twitter web client and tweet Deck. From our visualization, Twitter, Twitter for iphone is the most used by users with people on the platform tweets numbering over 1800 tweets with other client didn't even hit 250 tweets.

2. Most popular dog names?

Most popular Dog name

Charlie is the most popular dog name with (11), follow by the name Lucy, Oliver and Cooper coming closest with (10). Lola makes the last with (7).

3. High popular dog stage count tweets

Popular Dog stage

Pupper have dog stage of 250 followed by Doggo with 125, followed by puppo, multiple and floofer with the lowest dog stage.