

ANALYSIS OF WERATEDOGS TWITTER DATA

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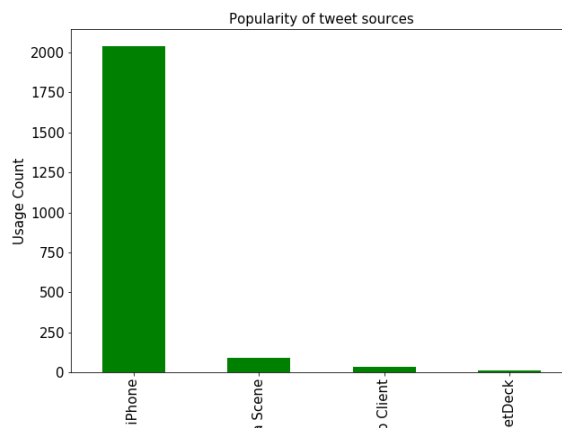
WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student Matt Nelson, and has received international media attention both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter for breaking these aforementioned laws. – Wikipedia.

Description of Data

The data used in this project came from three different sources. The first source is a dataset of archived tweets from the WeRateDogs twitter account, @dog_rates (https://twitter.com/dog_rates) which was openly provided as a csv file by Udacity. The second data source is a dataset of predicted dog breeds in each tweet's media. This was gathered as well as openly provided to me by Udacity too. The final source was the Twitter API. This was used to retrieve two additional parameters for tweets, that is – the number of times a tweet has been retweeted and the number of times it has been liked.

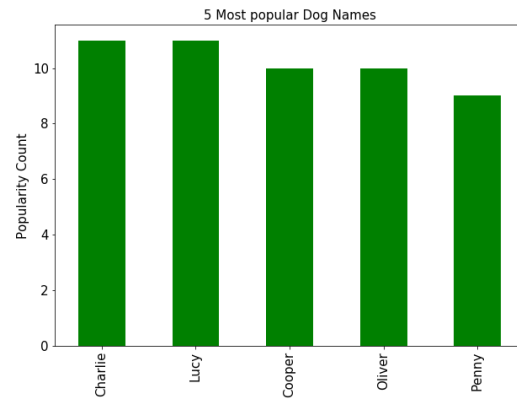
1. Popularity of sources of tweets

From my analysis, Twitter for iPhone is the most popular tweet source. It was used over 2000 times, compared to the other three sources, that do not even collectively total 500 usage counts. This could be interpreted in a number of ways, of course, taking into consideration the fact that “correlation does not imply causation”.



2. 5 most popular dog names

Here, I found out that the five most popular dog names are Charlie, Lucy, Cooper, Oliver, and Penny. It is to note, however, that most dogs did not have a name record, and instead had None as their name record. Hence, I had to disregard this occurrence when making this analysis.



3. Correlation between retweet counts and favorite counts

There is an almost perfect positive correlation between favorited tweet count and retweeted tweet count - 0.9262542799659841. This could indicate that users who liked a tweet did most likely also retweet it.

