

Act Report

Introduction:

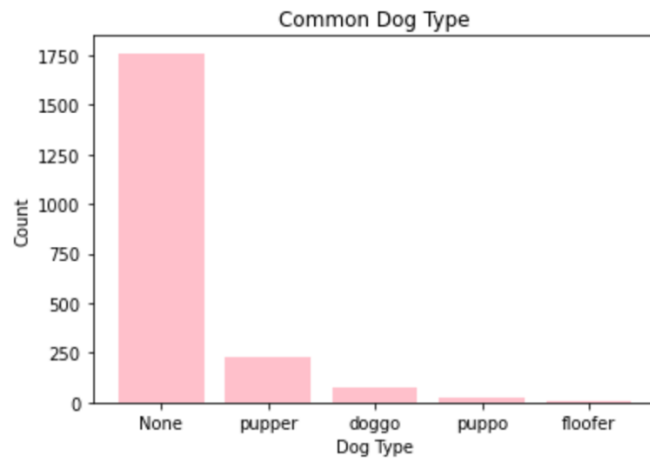


WeRateDogs is a Twitter account that post about people's pets and score them. Also, it includes a hilarious comment about the dog. This Twitter account has its own rating system, for example, 11/10, 12/10, 13/10, and so on.

To analyze this accounts data, Udacity academy provided me with three datasets to use it in this project. And after cleaning, assessing, and storing the dataset, I used it to visualize some insights that have come into my mind. For example, most common dog type, most used twitter source, most common dog names, the correlation between favorite and retweet counts, and count of dog rate.

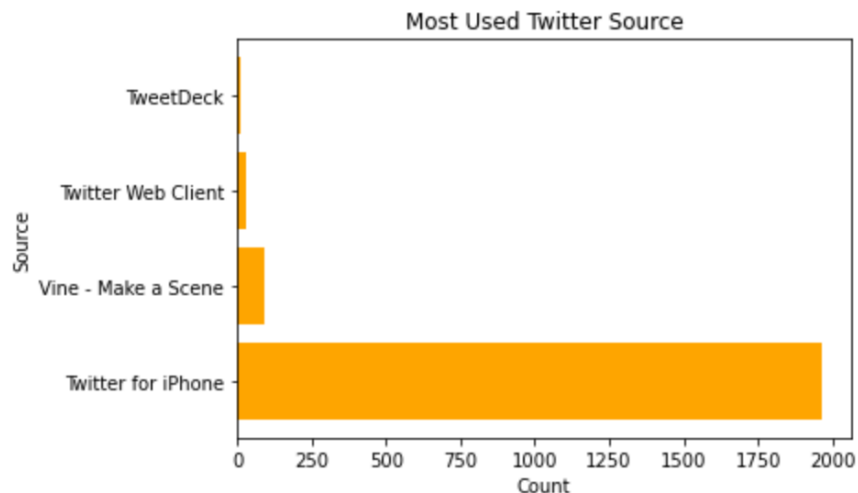
Insights:

1. The Most Common Dog Type



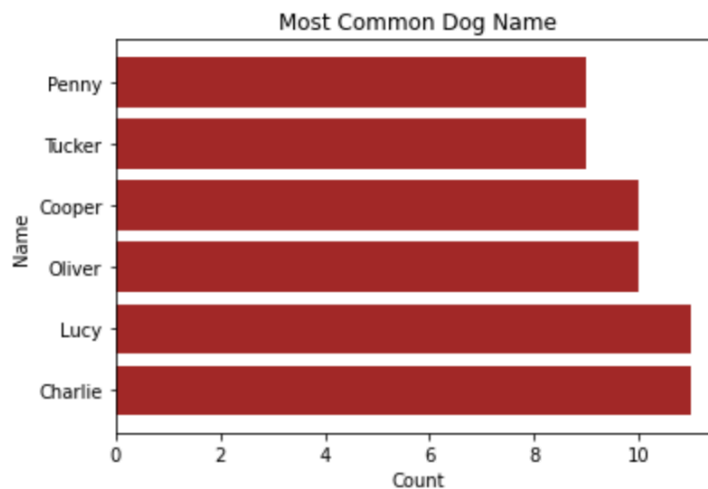
As we can see from the graph, most of the tweets did not provide any information regarding the dog type (about 83.98% of the data). Only 16.02% of the tweets provide the dog type, and 10.97% of them are pupper, 3.53% are doggo, 1.10% are puppo, and 0.42% are floofer.

2. The Most Used Twitter Source



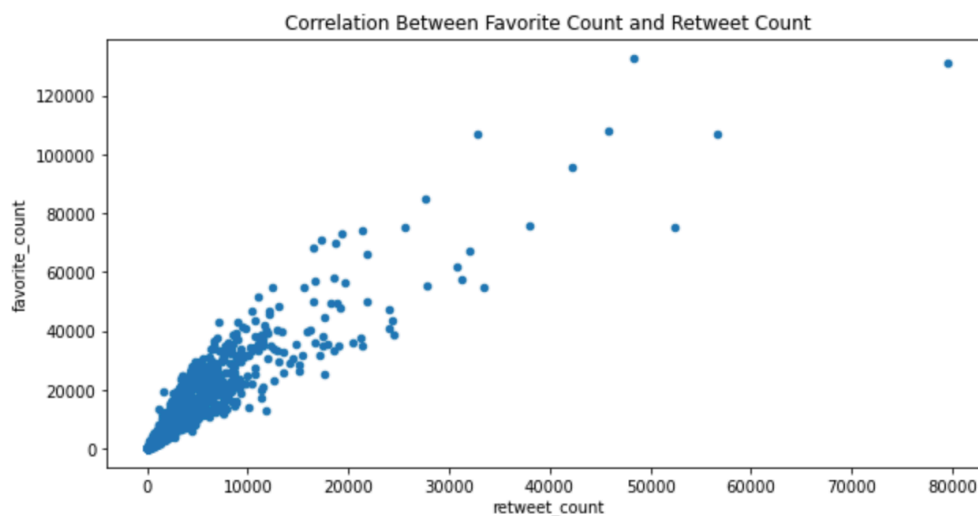
Almost 93.67% of the users used their iPhone as a source for twitter (1964 out of 2097 of the data), and 6.33% of the users used other sources for Twitter.

3. The Most Common Dog Names



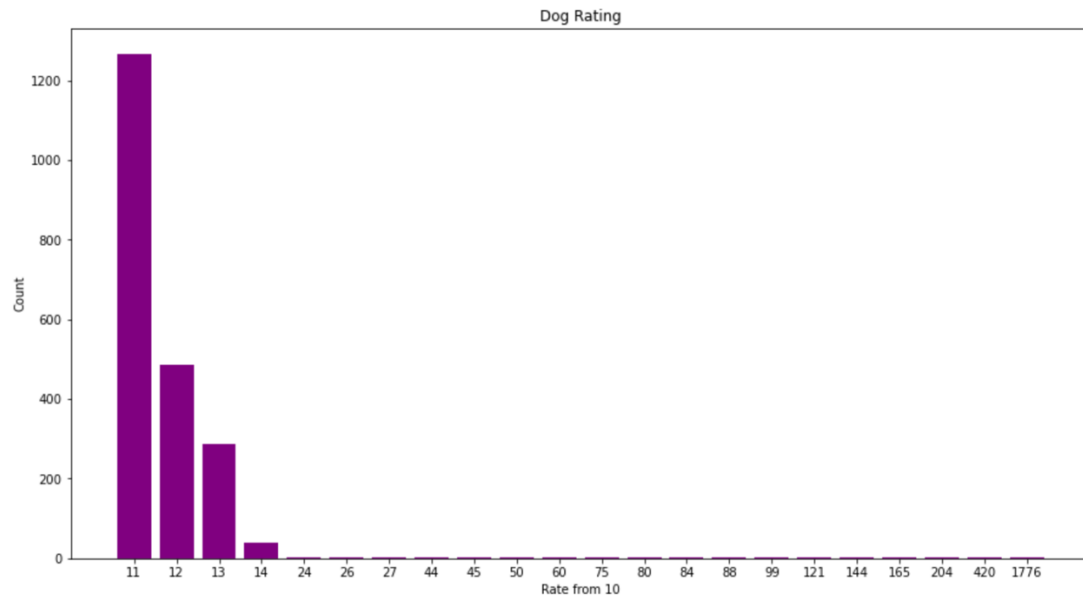
As can be seen from the horizontal bar graph, which lists the top 6 most popular dog names, Charlie and Lucy are the most popular names given to dogs. Oliver and Cooper came in second, and Tucker and Penny came third.

4. The Correlation Between Favorite Count And Retweet Count



More likes are received when there are more retweets. This scatter plot shows that the retweet count and favorite count have a moderate positive correlation.

5. Count Of Dog Rates



As we can see, most of the dogs got 11, 12, 13, and 14 out of 10 which is 99.14% of the data (60.47% got 11/10, 23.17% got 12/10, 13.69% got 13/10, and 1.81% got 14/10). The 0.86% of dogs got 15 or more out of 10.

Conclusion:

The insights of this project do not necessarily imply that they are correct; these insights were developed using data from the WeRateDogs account. Finally, this account has its own style of rating pets and posting humorous comments, which some users enjoy reading these tweets.