

ACT REPORT

INTRODUCTION

The dataset that you will be wrangling (and analyzing and visualizing) is the tweet archive of Twitter user [@dog_rates](#), also known as [WeRateDogs](#). 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. Why? Because "[they're good dogs Brent](#)." WeRateDogs has over 4 million followers and has received international media coverage.

WeRateDogs [downloaded their Twitter archive](#) and sent it to Udacity via email exclusively for you to use in this project. This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017.



Project Steps Overview

Your tasks in this project are as follows:

Step 1: Gathering data

Step 2: Assessing data

Step 3: Cleaning data

Step 4: Storing data

Step 5: Analyzing, and visualizing data

Step 6: Reporting

Analysis

Finding out the most common names

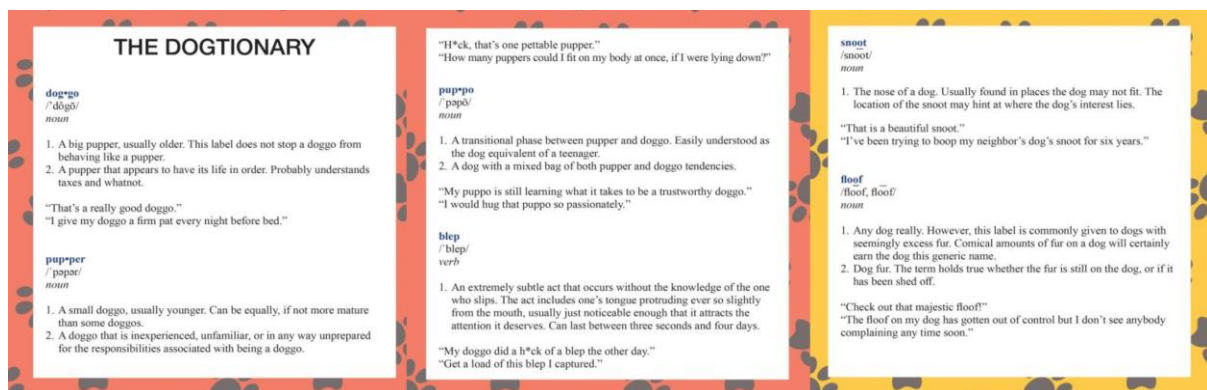
Unknown 616
Charlie 11
Lucy 10
Cooper 10
Oliver 10
Name: name, dtype: int64

Although a lot of dog names are unknown, Charlie, Lucy, Cooper, Oliver seems to be the most common dog names.

Finding out the dog stage with the highest frequency

Unknown 1688
pupper 203
doggo 63
puppo 22
doggopupper 9
floofer 7
doggopuppo 1
doggofloofer 1
Name: dog_stage, dtype: int64

Pupper has the highest frequency amongst the dog stages.



Finding out the source of the tweets

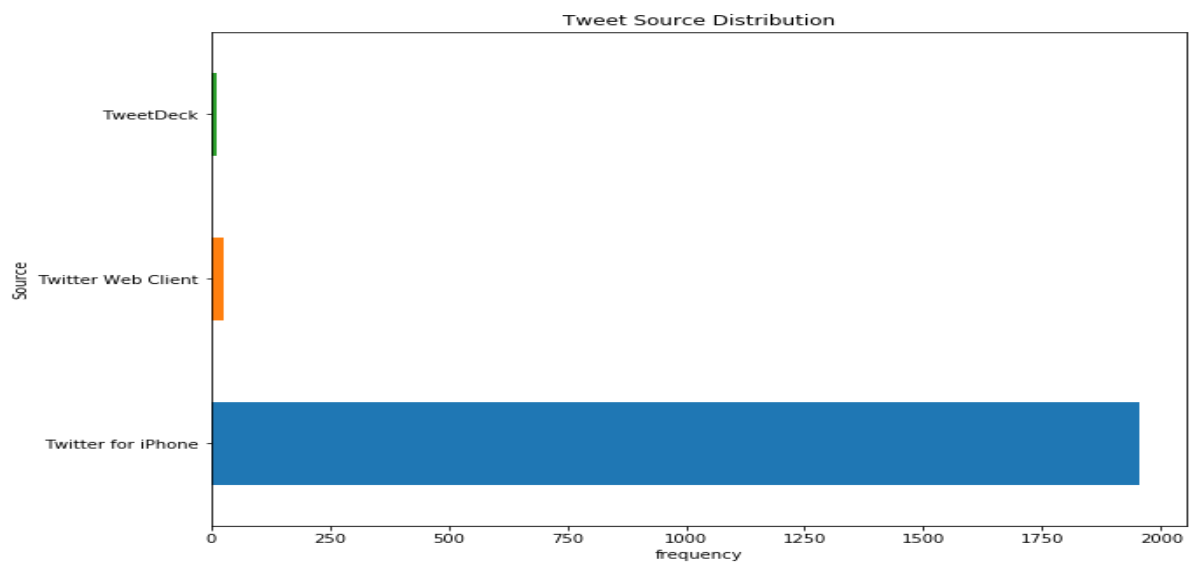
Twitter for iPhone 1955
Twitter Web Client 28
TweetDeck 11
Name: source, dtype: int64

Majority of the tweets were sent via iPhone while minority were sent via Web then TweetDeck.

Insights:

1. Although a lot of dog names are unknown. Charlie, Lucy, Cooper, Oliver seems to be the most common dog names.
2. Pupper has the highest frequency amongst the dog stages.
3. Majority of the tweets were sent via iPhone while minority were sent via Web then TweetDeck.

Visualization



From the bar plot above, it is evident majority of the tweets were sent via iPhone.