AN ANALYSIS OF WERATEDOGS TWEETS DATA

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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 me to assess, clean and derive insights. This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017.

Goal: to wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations

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The Data

I worked on the following three datasets.

1. Twitter Archive

The WeRateDogs Twitter archive contains basic tweet data.

2. Additional Data via the Twitter AP1
3. Images Prediction File
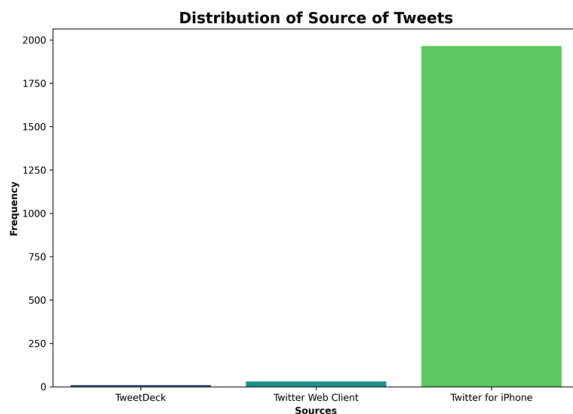
Following the following steps:
- Gathering data
- Assessing data
- Cleaning data
- Storing data
- Analyzing, and visualizing data
- Reporting

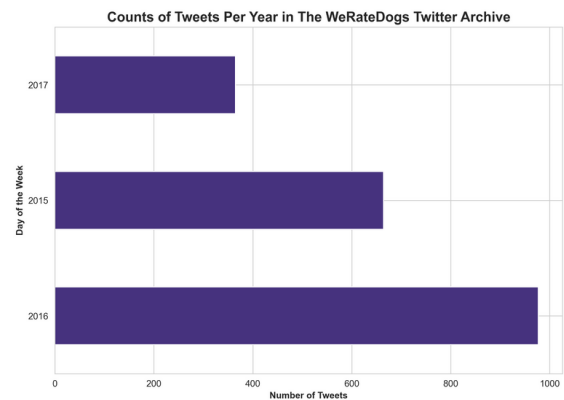I discovered the following findings (without statistical backing):
- The dog breed with the highest mean numerator rating is the Chow with a rating of 14.166667.

- In all three years, WeRateDogs users tweeted mostly on Mondays. Also, a lot of tweets are tweeted in the early hours of the morning, declining by dawn and picking up again in the late afternoon and throughout the night.

- Golden and Labrador Retrievers are generously represented in this data.

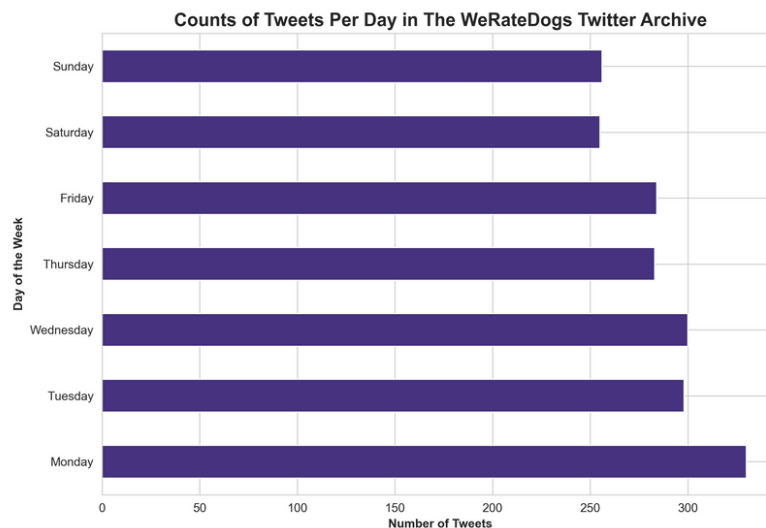# AN ANALYSIS OF WERATEDOGS TWEETS DATA

Visualizations

This plot shows that most WeRateDogs tweeters are iPhone Users
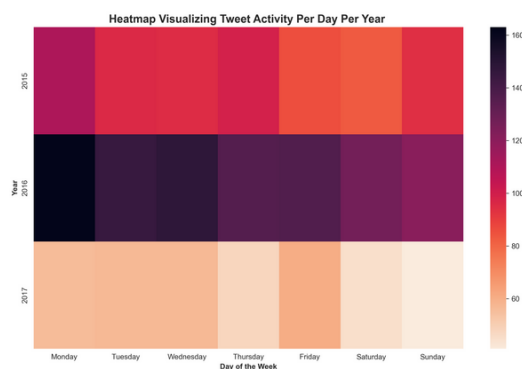

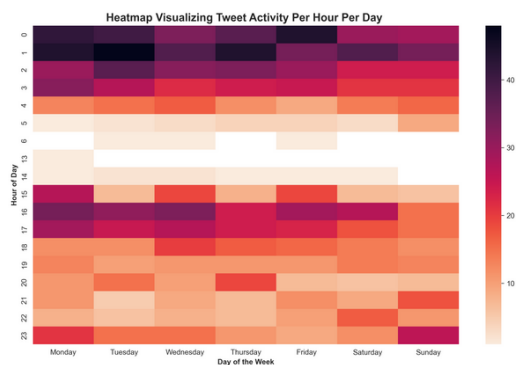This plot shows the years in which the tweets were posted

Mondays boasts the highest activity in the archive

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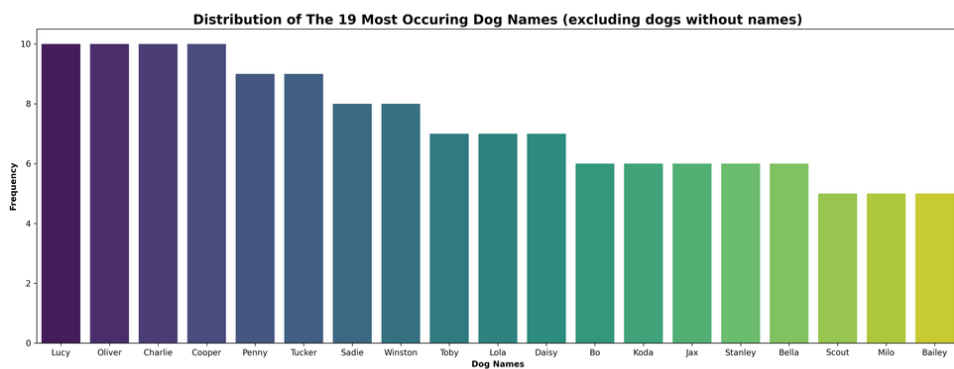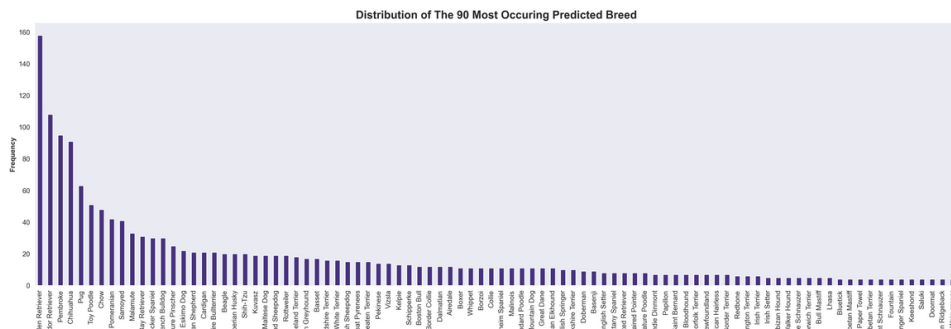
Visualizations

Most tweets were posted on Mondays of 2016

Heatmap showing activity variation throughout the day, for each day of the week

Lucy, Oliver, Charlie and Cooper are popular dog names

The neural network predicted Golden and Labrador Retrievers the most