Act Report

By
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This report describes the data analyses and visualizations involved in completing the "WeRateDogs" project as a part of Udacity's Data Analysis Nanodegree.
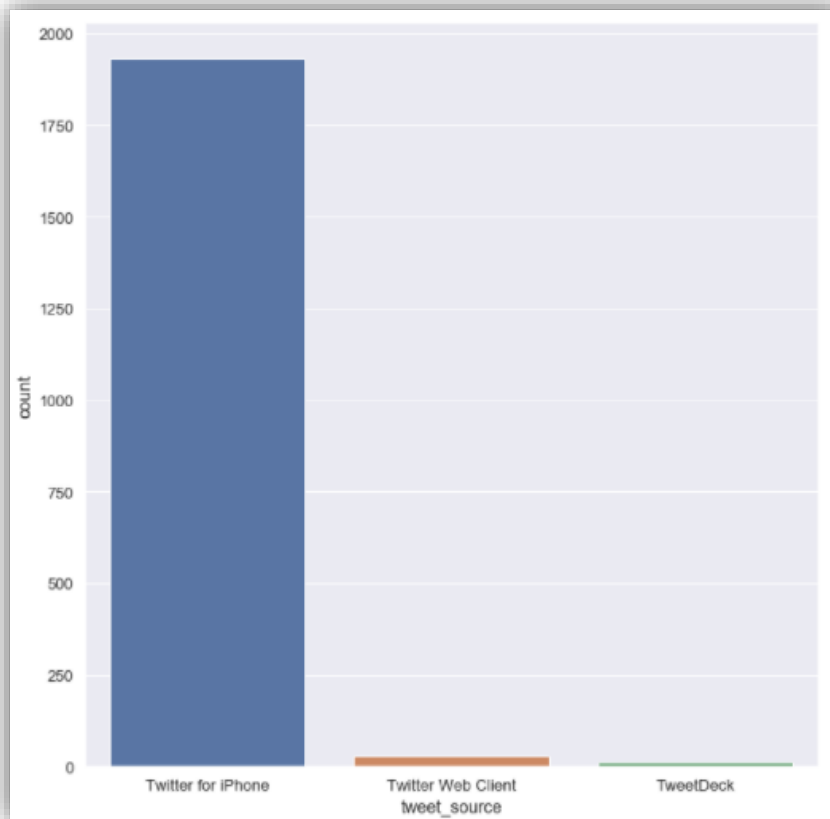
"WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. It was started in 2015 by college student Matt Nelson and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter.", Wikipedia(WeRateDogs).

Through my work on data wrangling and storing the cleaning data to (twitter_archive_master.csv) and the visualizing of its data in the Jupyter Notebook. I figured out the following Questions and answer them through the seaborn and matplotlib library.

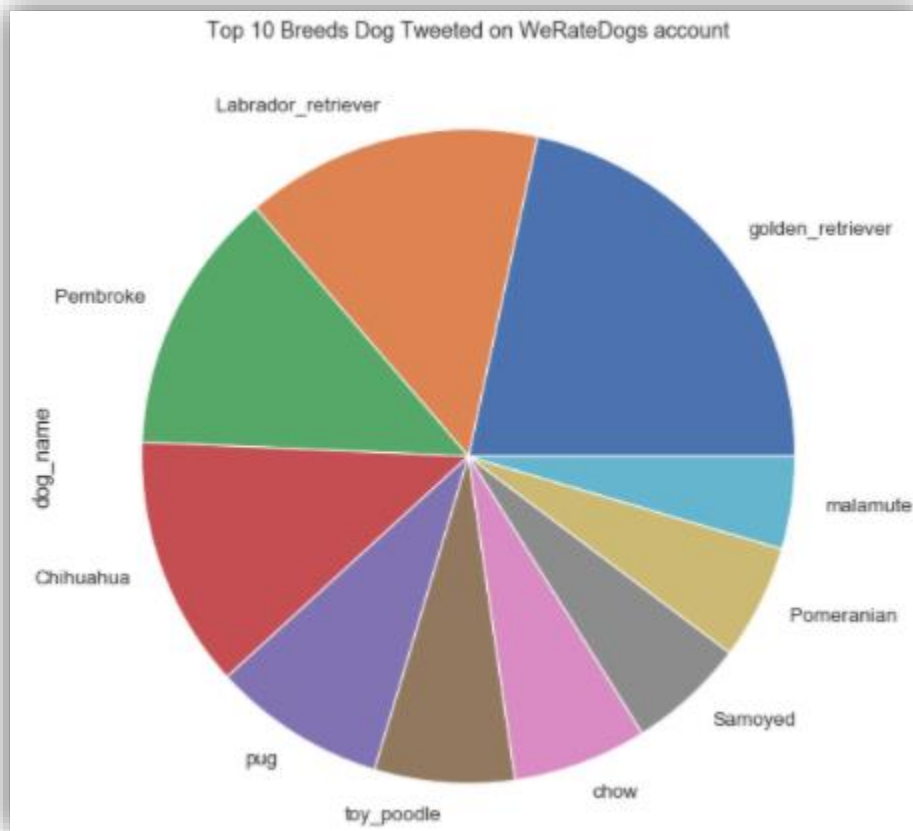**The Questions that we could answer from analyzing this DataFrame:**
1. What's the most users tweet source type??
2. What's the Top tweeted breeds??
3. What's the Top-rated breeds??
4. What's the Top liked breeds??

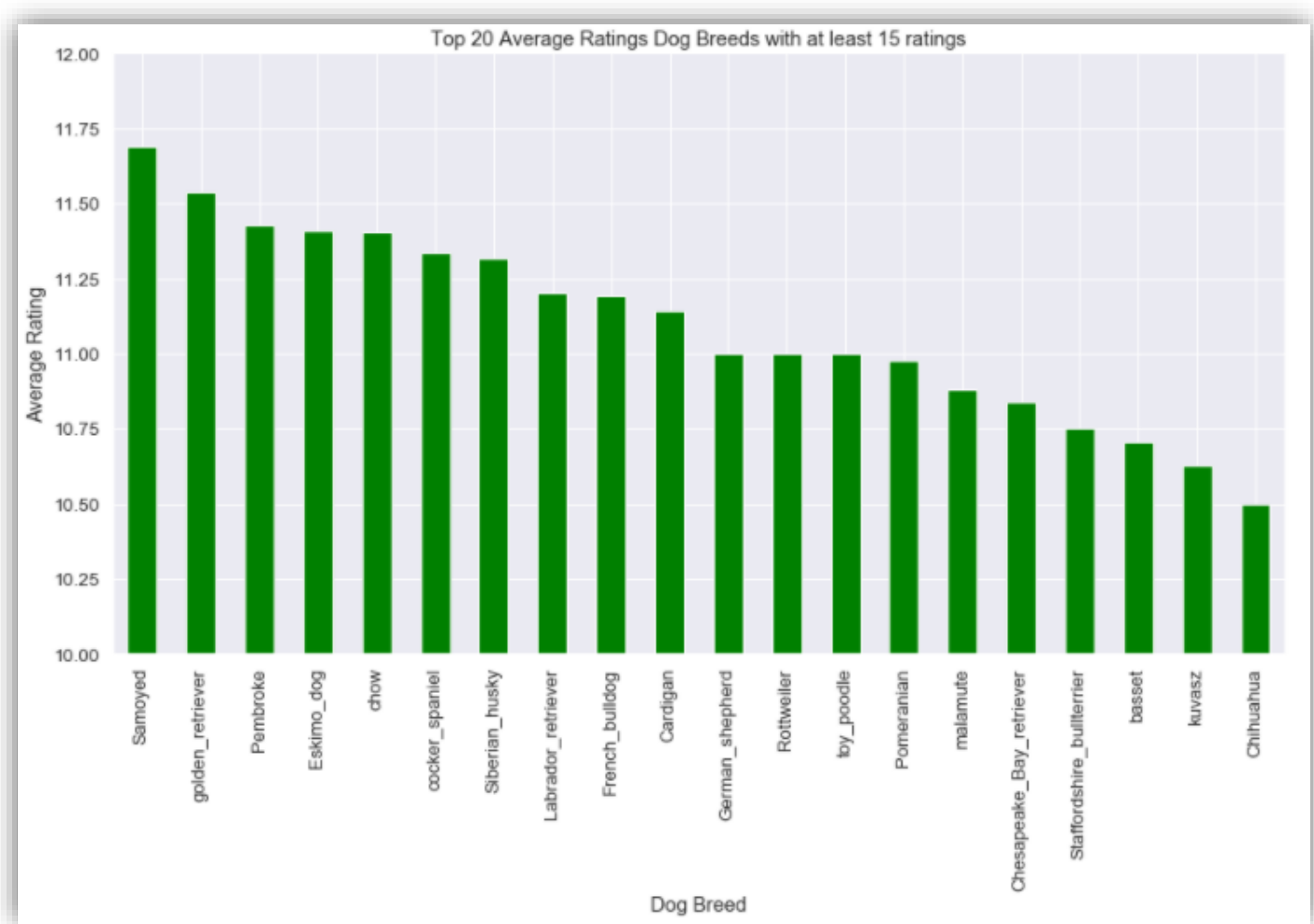1. What's the most users tweet source type??

From the figure above, we see that the Twitter for iPhone is the most used app for WeRateDogs **Account** and it is an indicator that iPhone users are the big fan of this account.

2. What's the Top tweeted breeds??

Top 10 Breeds Dog Tweeted on WeRateDogs account

We See from Pie Chart that **Golden Retriever** is the Top one in tweets.
Besides, *Golden Retriever*, *Labrador Retriever*, *Pembroke* and *Chihuahua* are the Top 4.
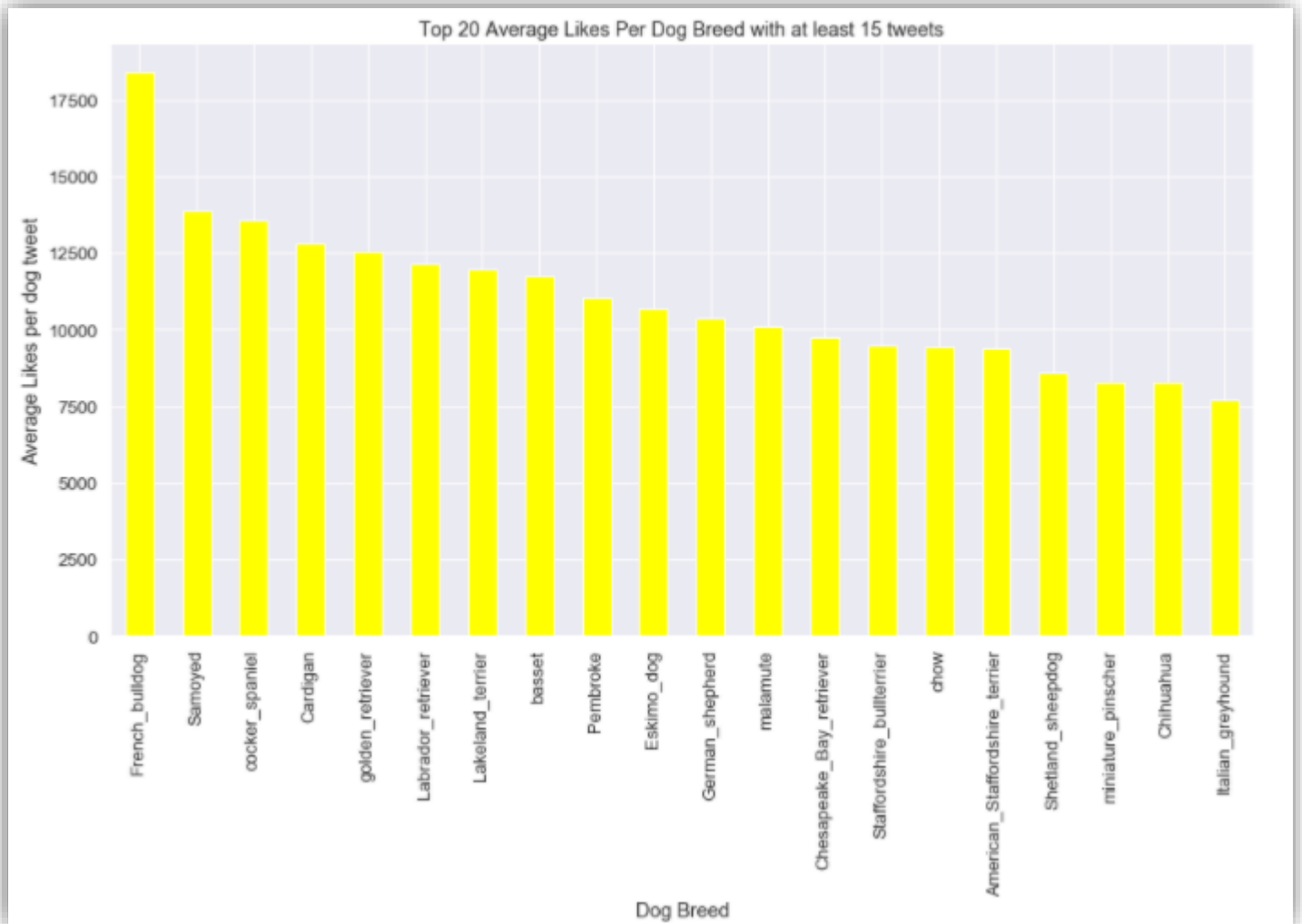
3. What's the Top-rated breeds??

Top 20 Average Ratings Dog Breeds with at least 15 ratings

Though Now, as you see our top-rated breeds are Samoyed, Golden Retriever, Great Pyrenees and Pembroke.
The Golden Retriever and Pembroke appear here so it is great.

4. What's the Top liked breeds??

Top 20 Average Likes Per Dog Breed with at least 15 tweets

So, the French bulldog is the dog most liked one.!