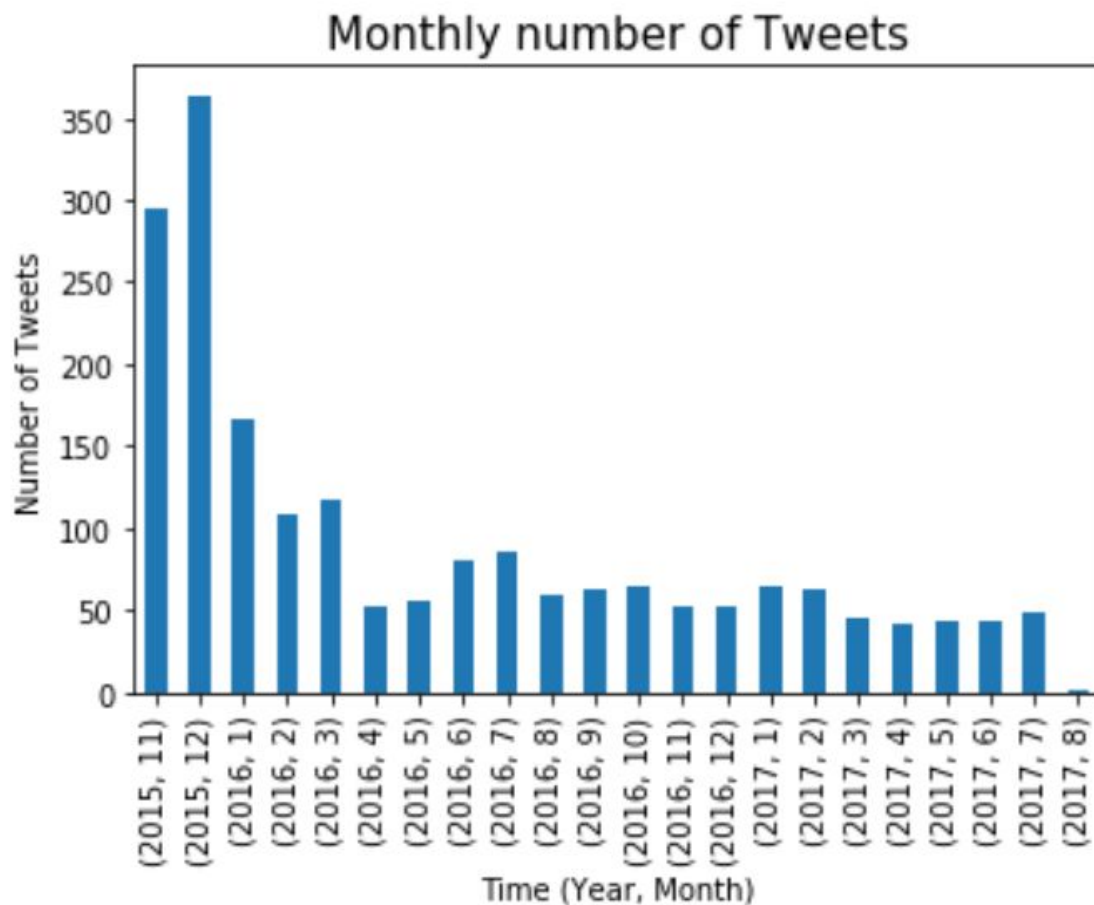# Act Report

Ahmed M. Hasan

Our goal in this project is to wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations.
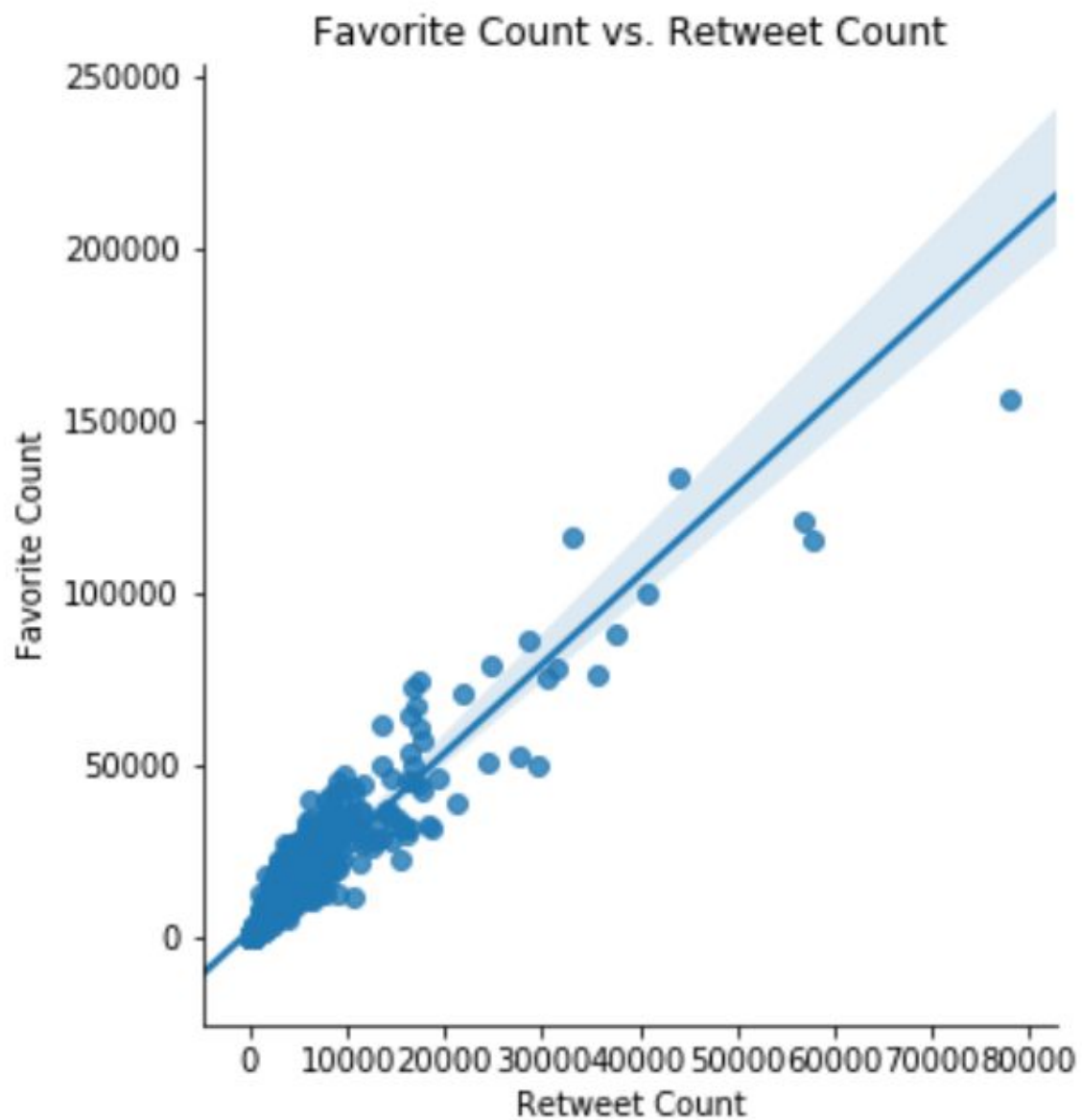
What is the monthly number of tweets?

Observation:

Monthly number of tweets decreased over time. Initially it was around 300 tweets per month, but presently it hovers around 50 tweets per month.

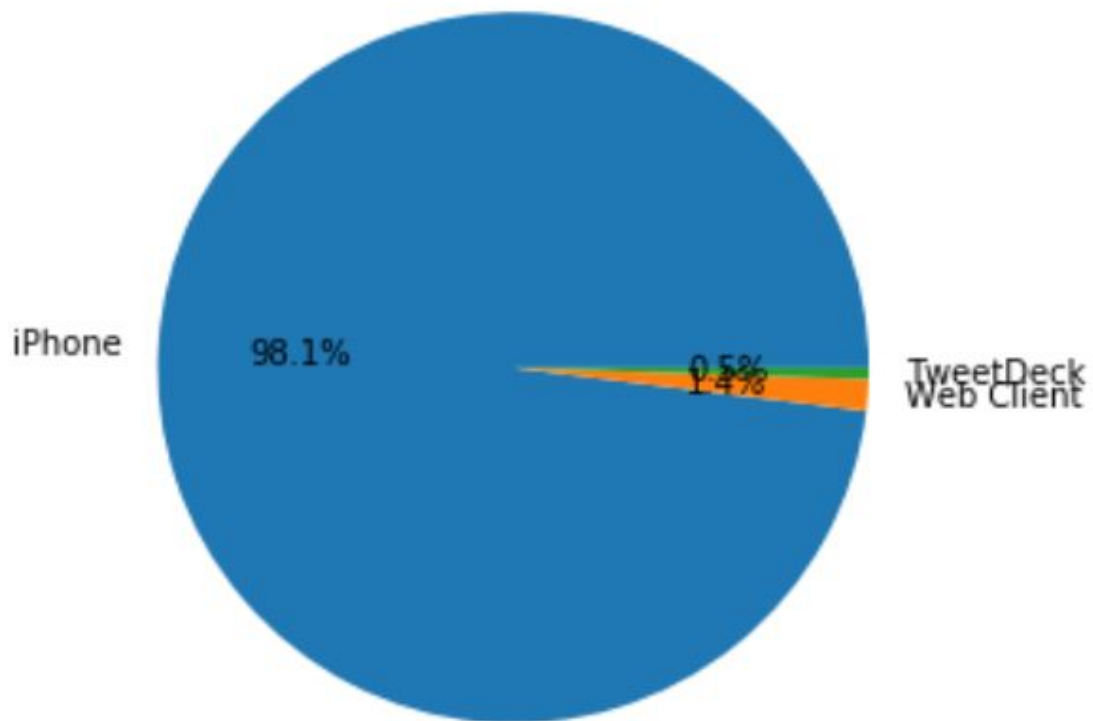What is the correlation between favorite counts and retweet counts?

Favorite Count vs. Retweet Count

Observation:

There is a positive correlation between favorite counts and retweet counts
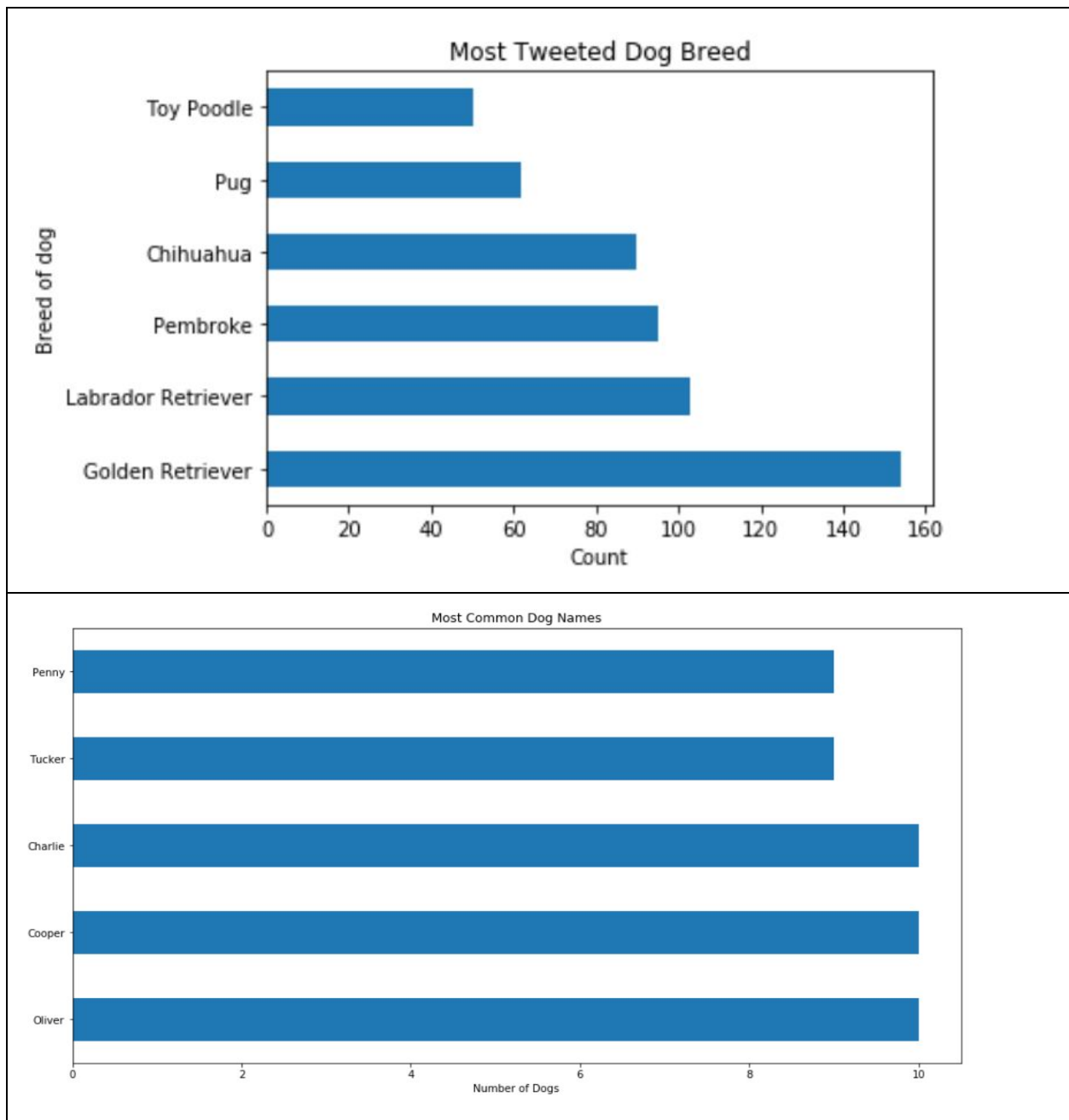
What is the most used source for tweeting?

Tweeter Source

iPhone   98.1%   0.5%   TweetDeck
                                         1.4%   Web Client

Observation:

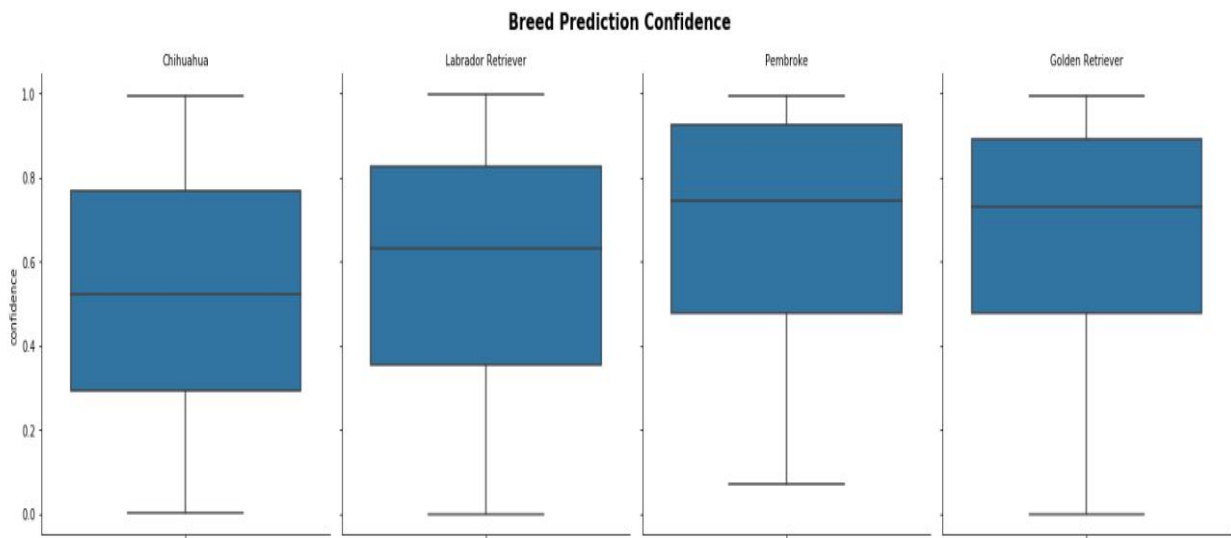Majority of the tweets is generated by iPhone (around 98.1%)

What are the most tweeted dog breeds and dog names?

Observation:

- Golden Retriever is the most tweeted dog breed.
- Oliver, Cooper and Charlie are the most tweeted dog names.

How confident our breed predictions were?

Breed Prediction Confidence

Observation:

We are more confident in our prediction of certain breeds over others. For example, our prediction of a breed Golden Retriever is more confident than our prediction of a Chihuahua breed.

For more details and code, check the ***wrangle_act.ipynb*** notebook.