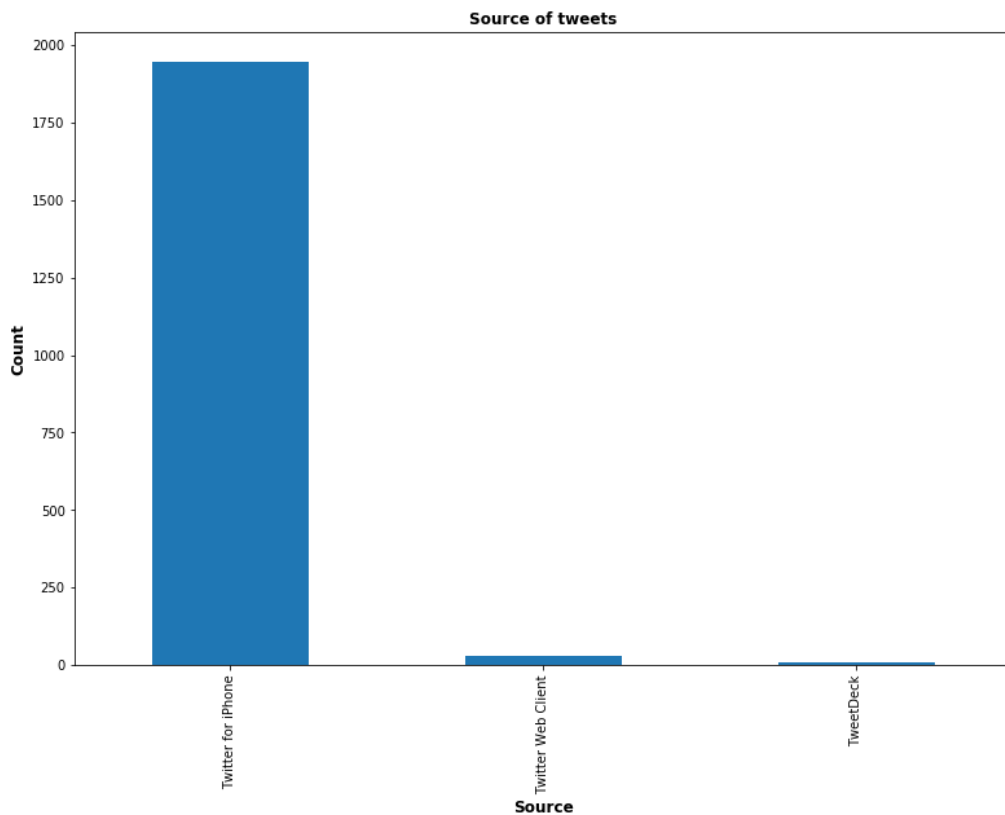# Wrangle and Analyze Data Project
## Act Report

## Introduction

In this project we will wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations. We will gather the data from three places twitter archive, twitter API's, and Image Predictions File. This document will show findings and visualizations from the data.

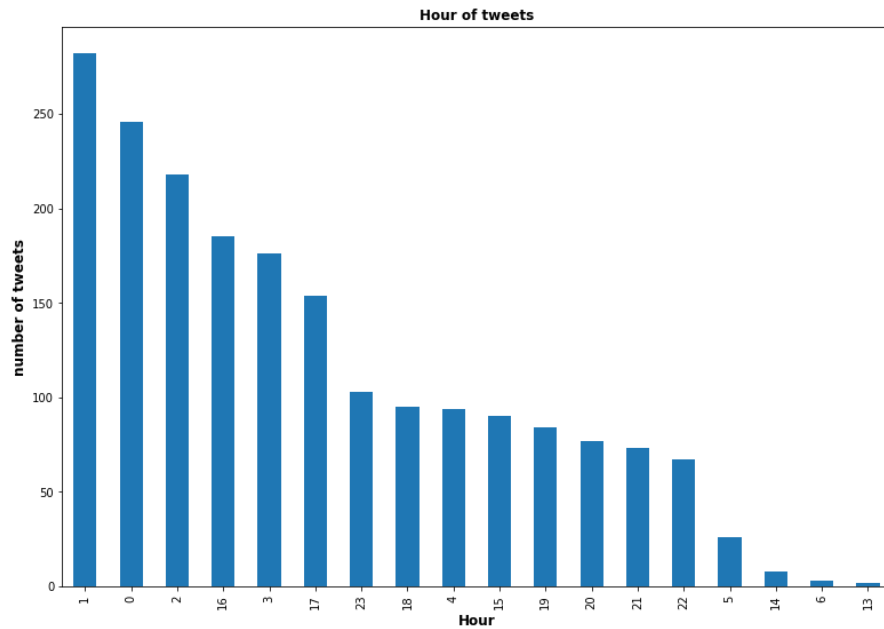## Findings and Visualizations

### The source of tweets

We can see from this graph the source of tweets are from Iphone with very small tweets from web and TweetDeck.
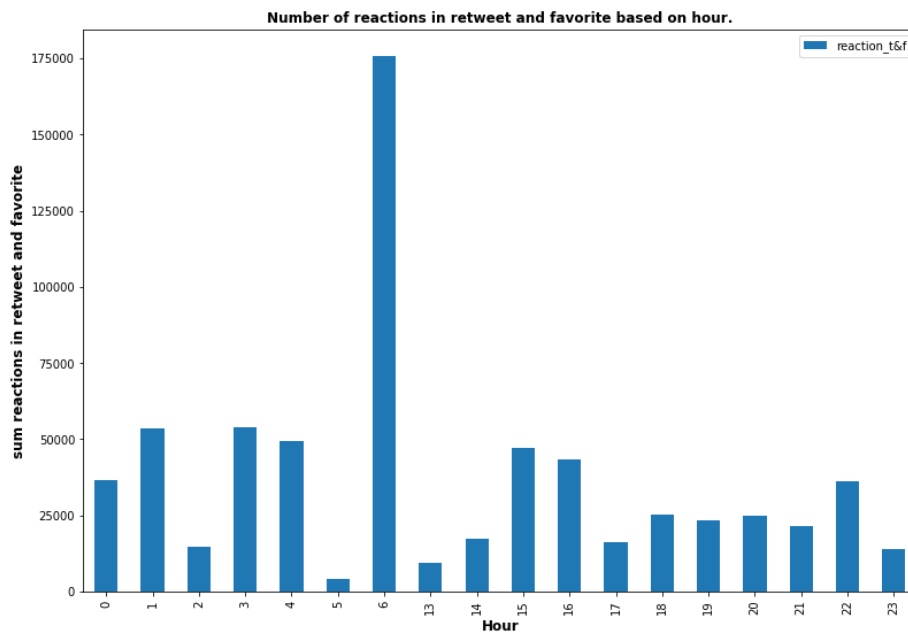
## The time of tweets

We can see from the graph that most of tweet tweets after the midnight between 12:00 am and 2:00 am.



## Number of reactions in retweet and favorite based on hour.

In this graph we may say there are a lot of intraction in tweets at 6:00 am, but we have to consider the rating of tweet and the text. Consider that will give us a better conclution about what is the most effect in intraction of tweets.

## The relation between retweet and favorite count

We clearly see that there is a positive linear relationship, since when the retweet increase the favorite increase also.