

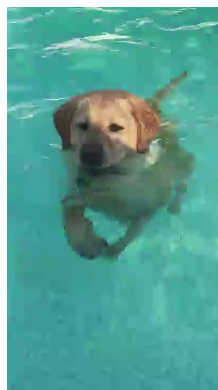
# Data Wrangling Project

## Overview

The data set includes tweets from the WeRateDogs twitter account between the years 2015 and 2017. The analysis was done on 1811 tweets, of which 1778 were tweeted via Twitter for iPhone, making it the major source of tweets. Here are the most famous dogs.



**Figure 1: Labrador retriever with the highest rating ( 15/10 )**



**Figure 2: Labrador retriever with the highest retweet and favourites count, 77452 and 155458 respectively)**

This suggests that retrievers are the most popular breeds of dogs.

## Graphs

The python library matplotlib was used to plot the following graphs:  
We observe the following from the three graphs.

- The favourites are directly proportional to retweets, the more the retweets means the more a tweet gets favourited.
- The Dogs that are rated in between 11 - 14 are favourited and retweeted more than other dogs.

Distribution of ratings

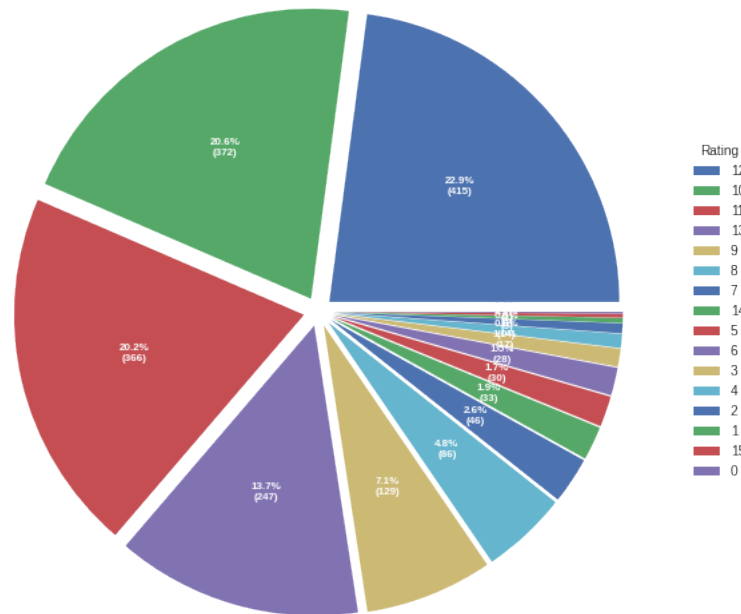


Figure 3: Pie chart showing the distribution of ratings

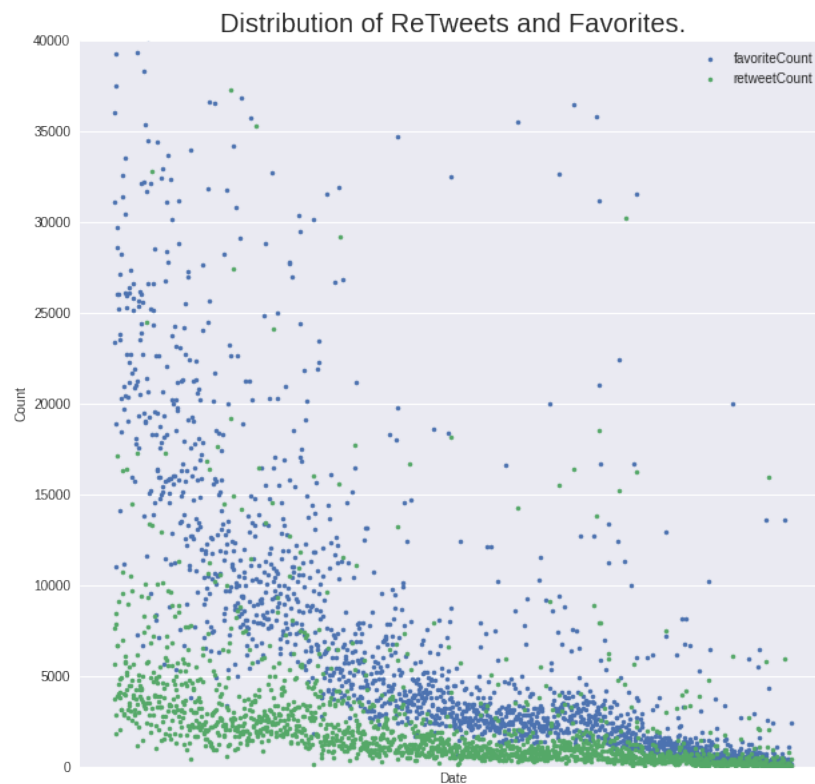
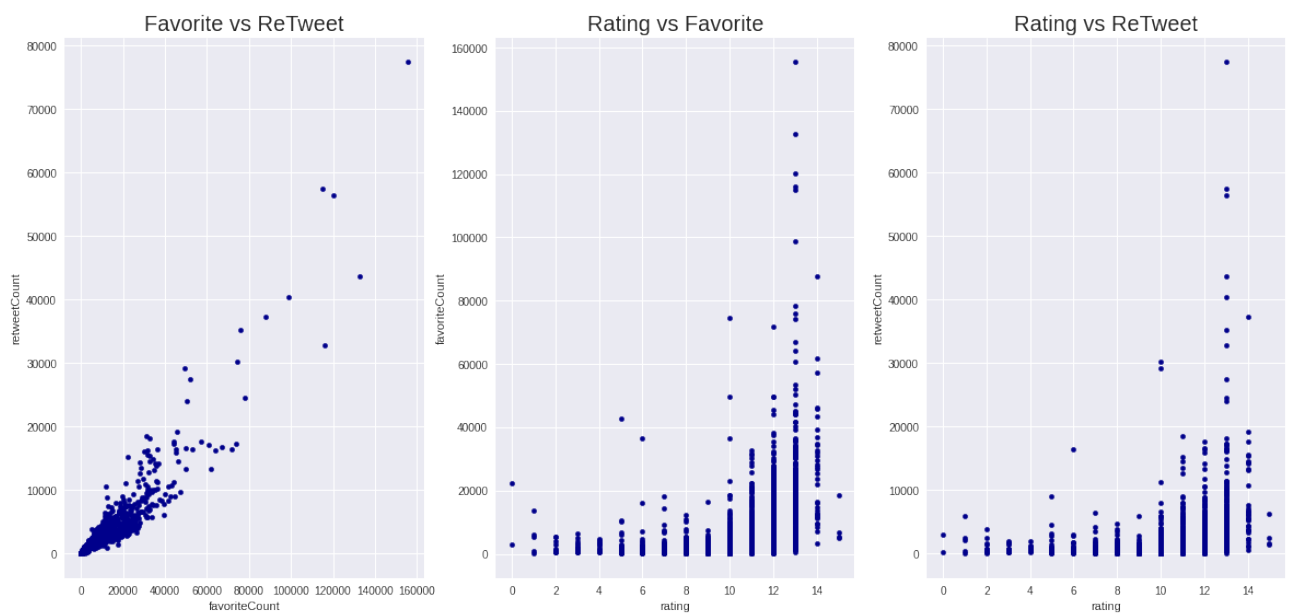


Figure 4: Scatter plot showing the decline in favourites and retweets over the years



**Figure 5: Scatter plots showing the relation between retweets, favourites and ratings of dogs**