

# Analyzing and Visualizing WeRateDogs

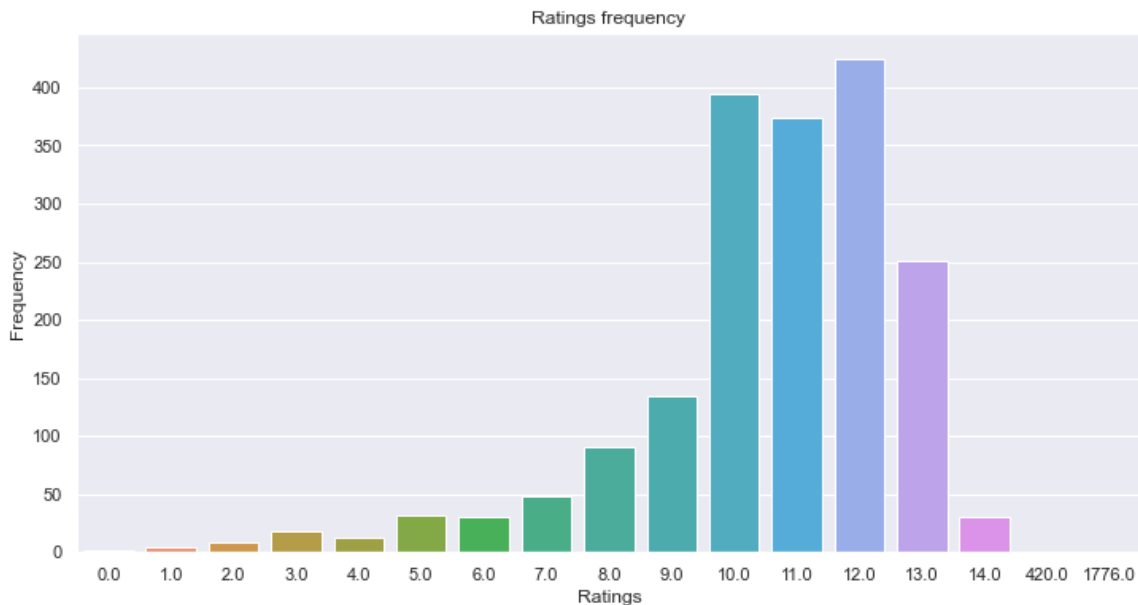
By: Hamdy Abdel-Shafy

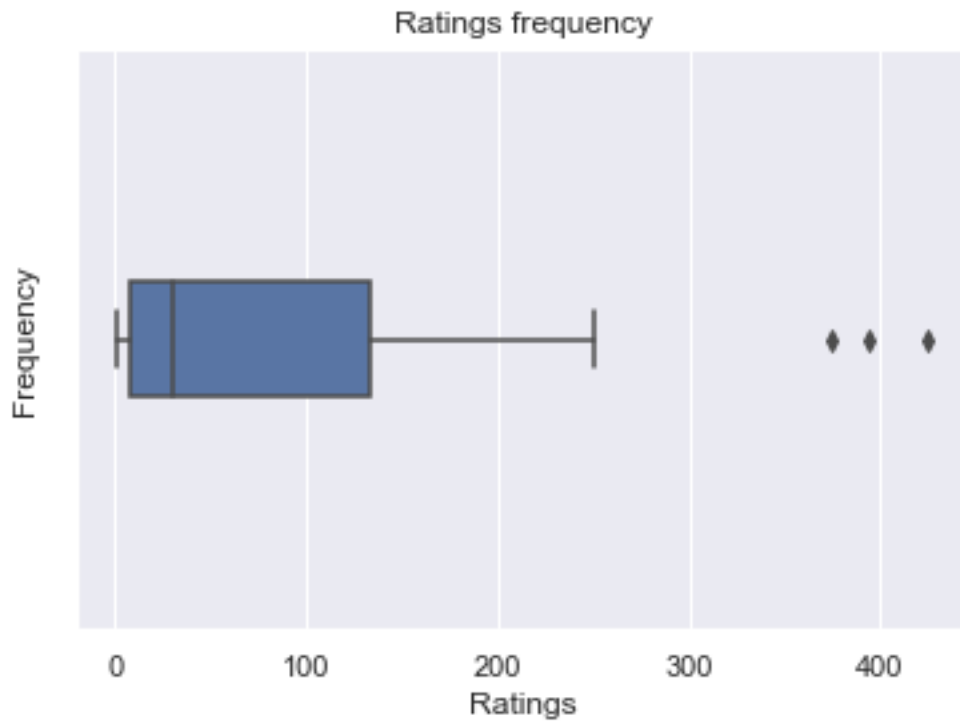
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## Introduction:

The WeRateDogs is a [Twitter](#) account rates the dogs of people with a humorous comment about them. These ratings are almost having a 10 denominator. The numerators are usually having a value greater than 10. The WeRateDogs has nearly 9 million followers by December 2020 and has received international media coverage. The most popular post was for a dog marching in the [2017 Women's March](#), which was favorited 134,000 times and retweeted more than 50,000 times. So, what does this rating do? Which dog breed is most common in the dataset? What dog type has the highest average rating? These questions and more are answered in the following figures.

## The distribution of ratings:





As seen from the above two plots, there are some outliers. We have check them first.

Check the outliers:



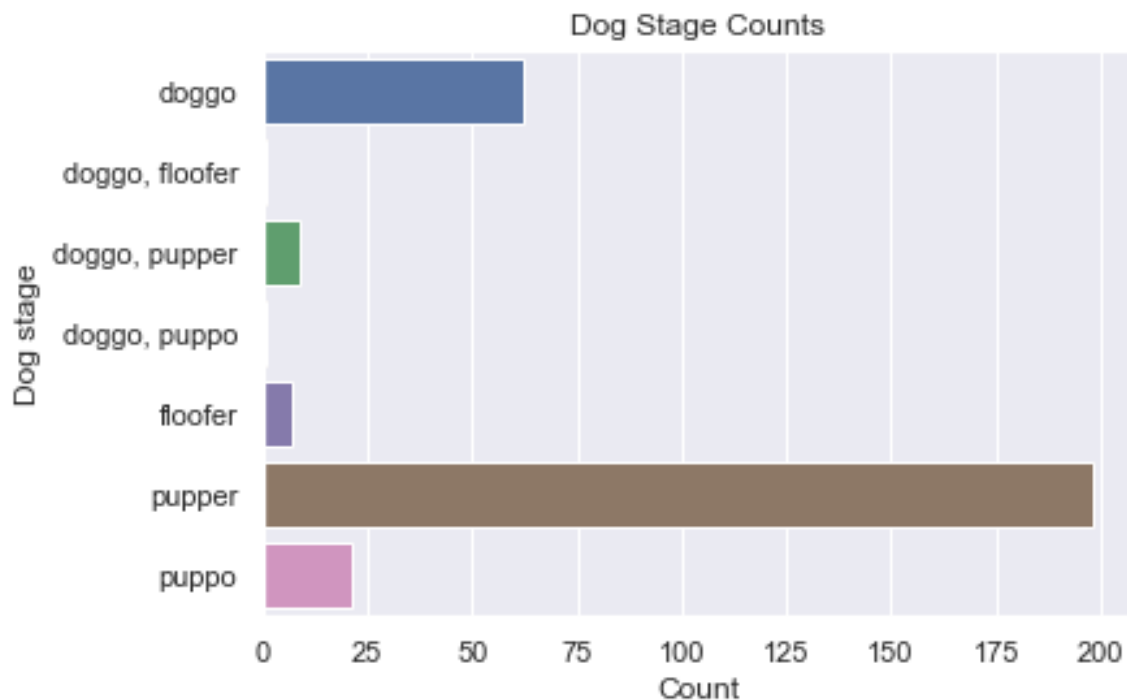
Here, we can see that the picture with 1776.0 rating is simply very cute dog and has the best rating score, while the other picture with 420 rating score is for a rap star 'Snoop Dogg' and should be removed from the data.

### Relation between favorites and retweets:



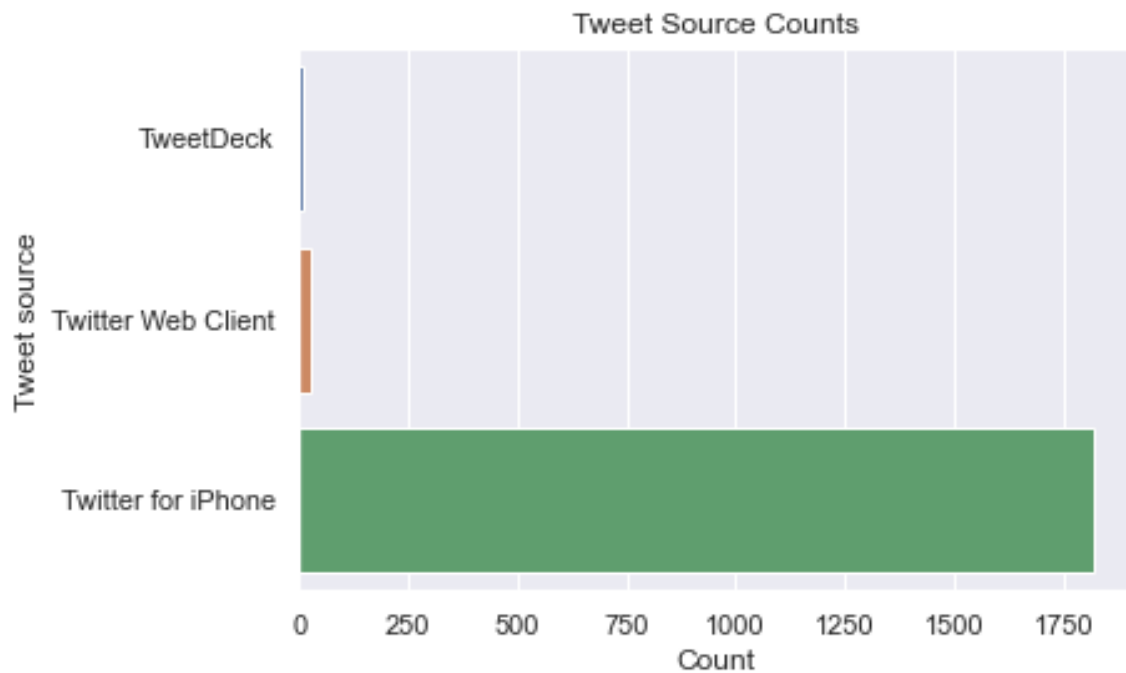
As would be expected, favorite and retweets have positive correlation

### Comparison for the dog stages:



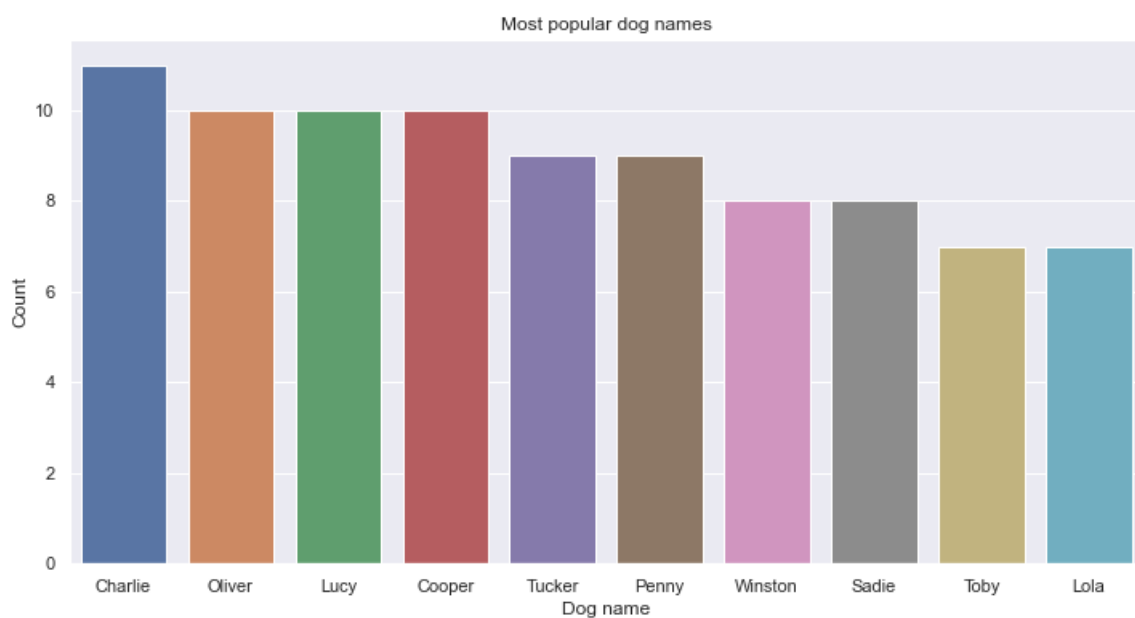
Here, we can see that the most common stage is for pupper

### The source of tweets:



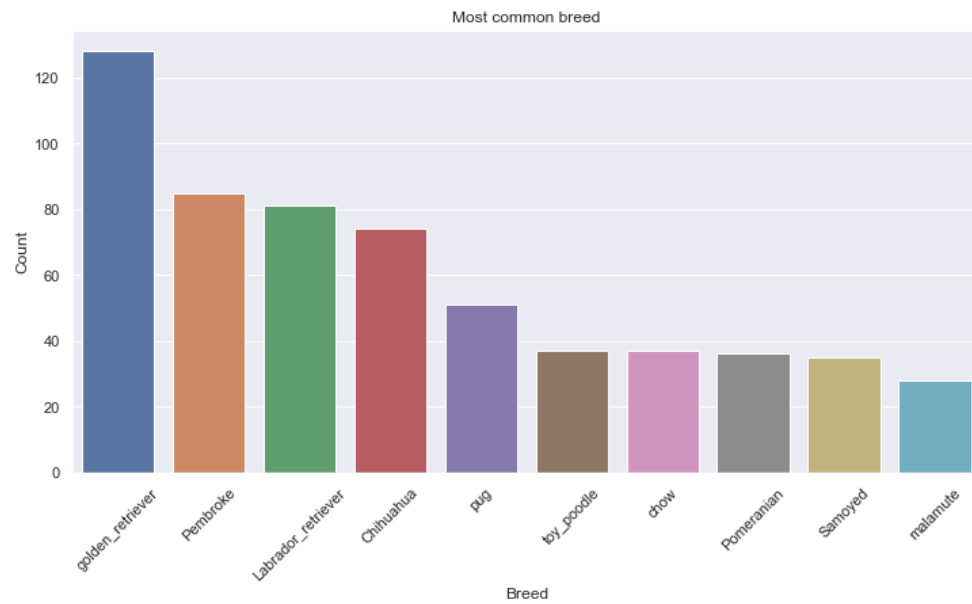
Here, we can see that the most frequent tweet source used is from iPhone

### The dog's names:



Here, we can see that the most frequent name used is Charlie

The dog's breeds:



Here, we can see that the most frequent name used is Golden\_retriever

The funny word cloud from tweets text:

