WeRateDogs Act Report

By **Ekwunife Mmesoma**

Are you looking for a twitter account to post cute pictures of your dog? WeRateDogs (@dog_rates) is devoted to humorously reviewing pictures of dogs doing adorable poses, often giving them scores above 10/10.
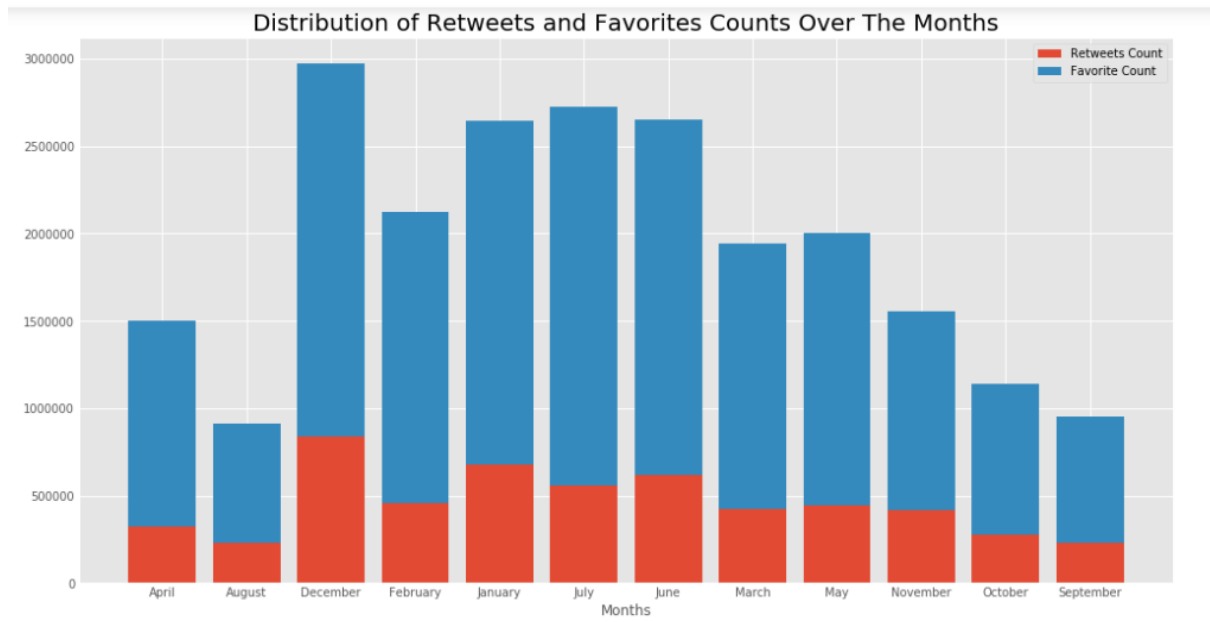
Below are some of the insights gotten from the WeRateDogs twitter dataset.

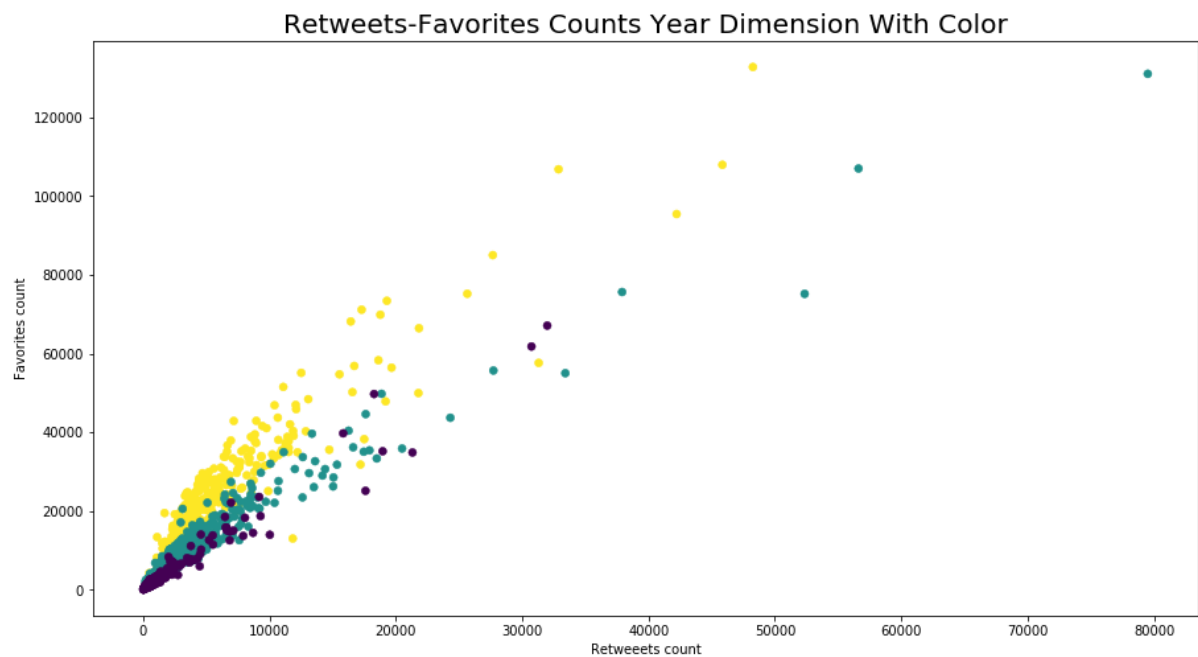- Pictures without dogs or other animals in it get low ratings.

- The most popular dog stage is pupper while the least is floofer.

- Most ratings like 1776/10, 204/170, 60/50, 144/120, 165/150, 84/70, 80/80, etc. are for humorous effect.

- Most dog names as None are tweets with pictures of other animals in it.

- Atticus is the highest rated dog from the year 2015 to 2017 with a rating of 1776/10.

- Tweets with lots of items in the background picture are less likely to be predicted by the model, for example tweet ids 667866724293877760 and 707693576495472641

- Golden retriever and Labrador retriever were the top two breeds predicted by Model A and B based on favorites count.

- Labrador retriever and Chihuahua were the top two breeds predicted by Model C based on favorite count.

- Tweet id 822872901745569793 had the highest favorite counts of 132810 while tweet id 744234799360020481 had the highest retweet counts of 79515.

- Tweet id 666102155909144576 had the least favorite and retweet counts of 16 and 81 respectively.

- Charlie is the most popular dog name.

- Twitter for Android is the most popular WeRateDogs twitter source while TweetDeck is the least.
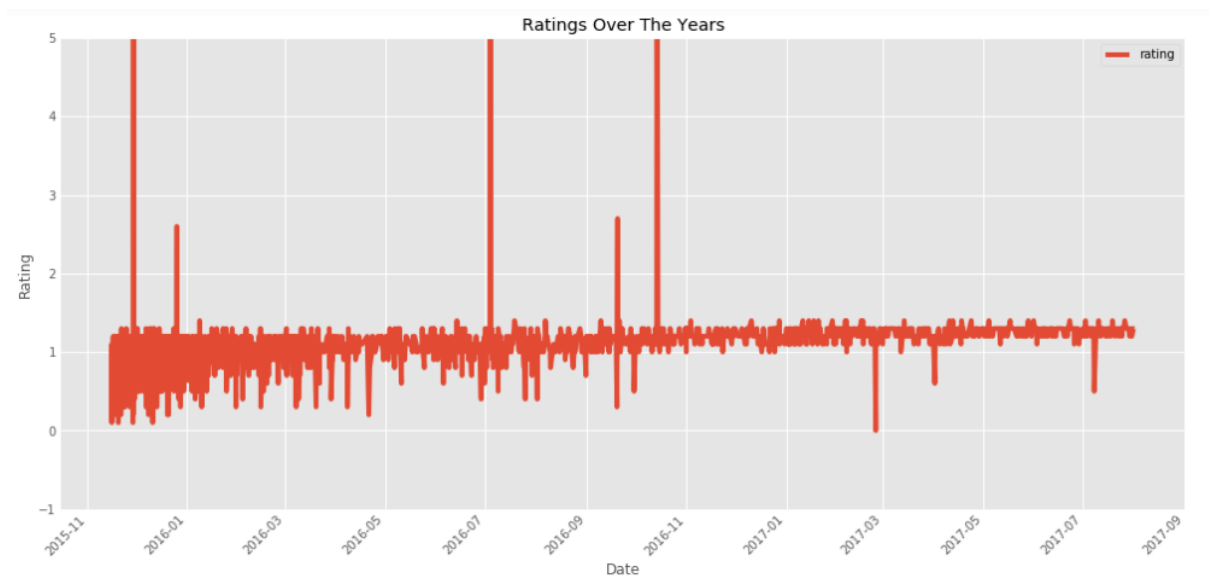
Visualizations from WeRateDogs Twitter Dataset

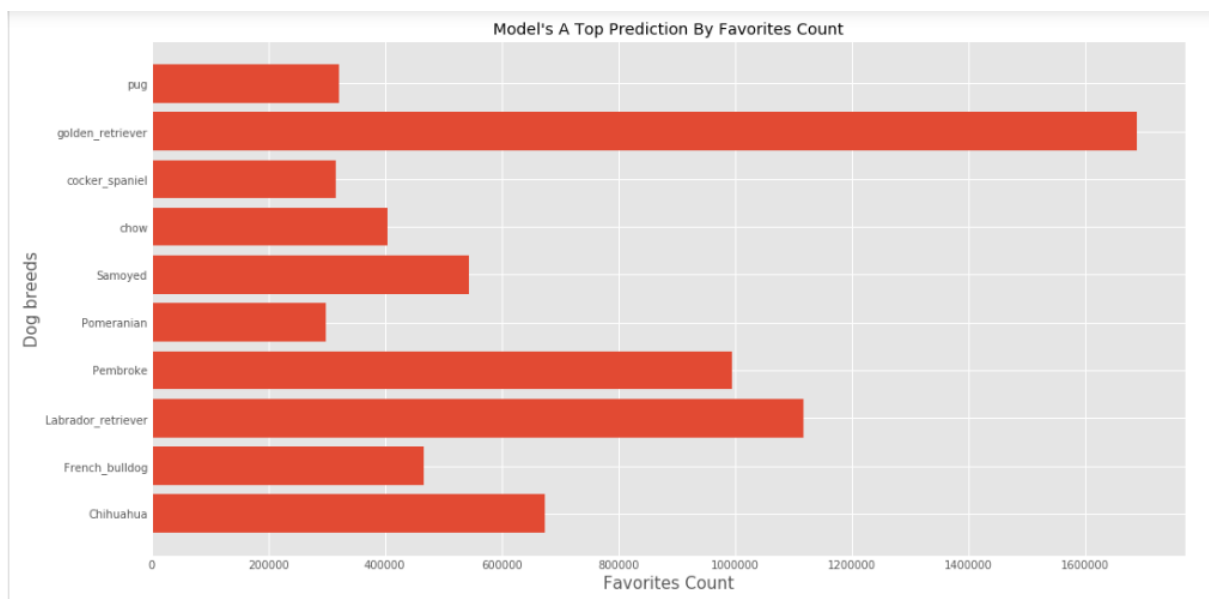**Plot 1**: Distribution of Retweet and Favorite Counts over the Months

Plot 2: Retweets - Favorites Counts and Year Encoding with Color

Plot 3: Rating over the years

Plot 4: Model's A Top 10 Prediction by Favorites Count

Insights from visualizations

Plot 1: The month of June had the highest number
of retweets and favorites count while the month of September
and August had the least.

Plot 2: The darker shade of blue represents the year 2015, the green shade represents the year 2016 and the brighter shade of yellow represents the year 2017. Bulk of the retweets fall within the range of 0-10000 while that of favorites fall within 0 - 40000 with a few outliers. The outliers are mostly from the year 2016 and 2017.

Plot 3: The ratings over the years fall within the range of 0 - 2 with a few outliers. The outliers account for the unique rating system of WeDogRates.

Plot 4: The Labrador retriever and Golden retriever were the top dog two breeds predicted by Model A based on the favorites count.

Presenting WeRateDogs dog of the year 2017

WeRateDogs® ✔
@dog_rates

This is Atticus. He's quite simply America af. 1776/10