

# Data Analysis and Visualization of WeRateDogs Twitter Account



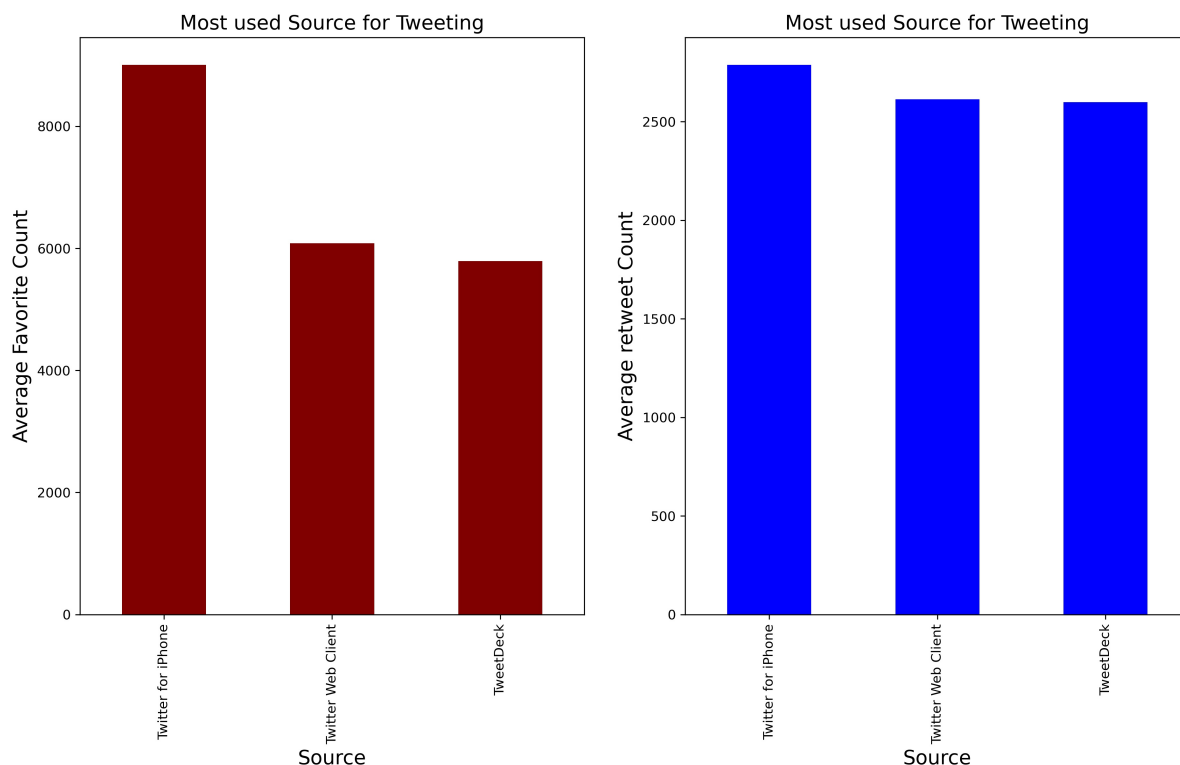
# Introduction

The dataset of focus is the tweet archive of Twitter user @dog\_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater 10, 11/10, 12/13, 13/10, etc. Why? Because "they're good dogs Brent". WeRateDogs has over 4 million followers and has received international media coverage.

This report is on the analysis and visualization process carried out on @dog\_rates (WeRateDogs) dataset after completing the wrangling process. In other to gain insight from the wrangled data, the following investigations were formulated:

- What is the most used source for tweeting on WeRateDogs?
- What is the impact of rating on retweet and favorite count?
- What is the relationship between retweet and favorite count?
- What is the top 20 most tweeted dog breeds?
- Which dog breed has the highest favorite and retweet count on average?

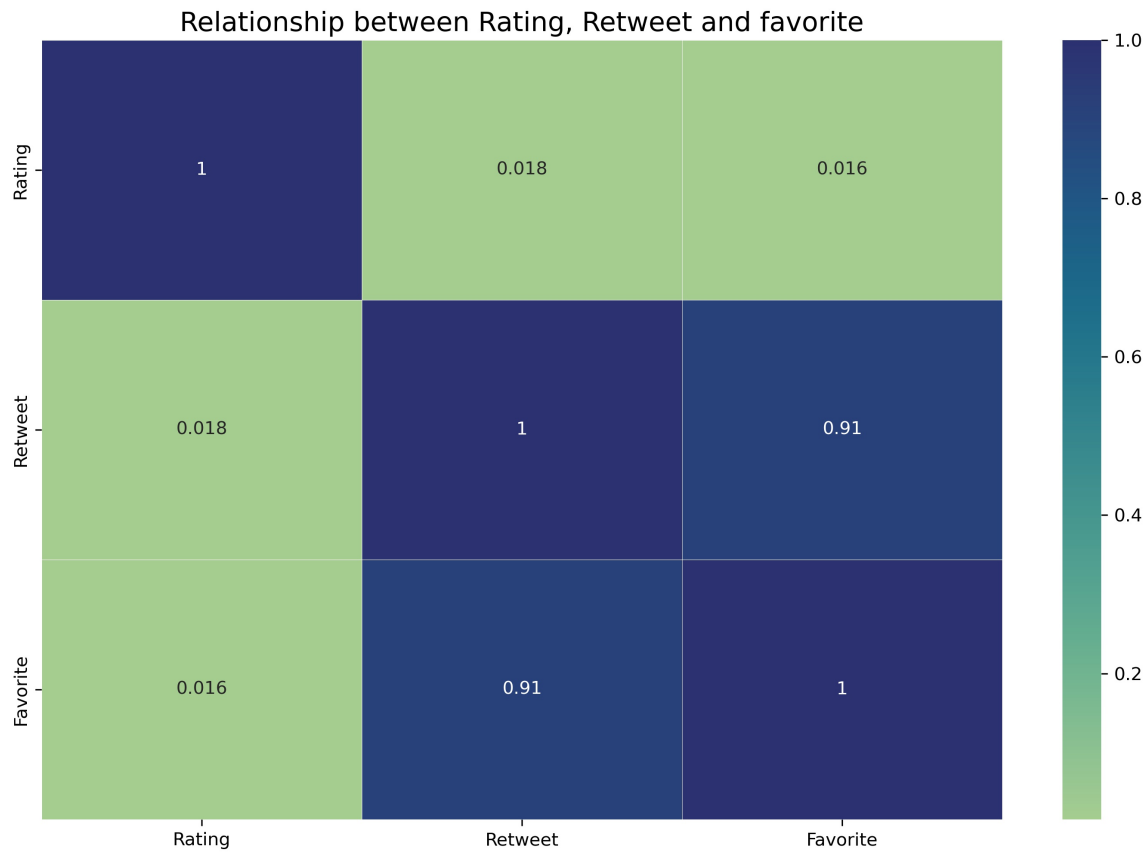
What is the most used source for tweeting on WeRateDogs?



Observation:

Using the average favorite and retweet count, it is noticeable that the most used source for tweeting on WeRateDogs is *Twitter for Iphone*. This is probably due to the ease of downloading the twitter app and its usage on a mobile device.

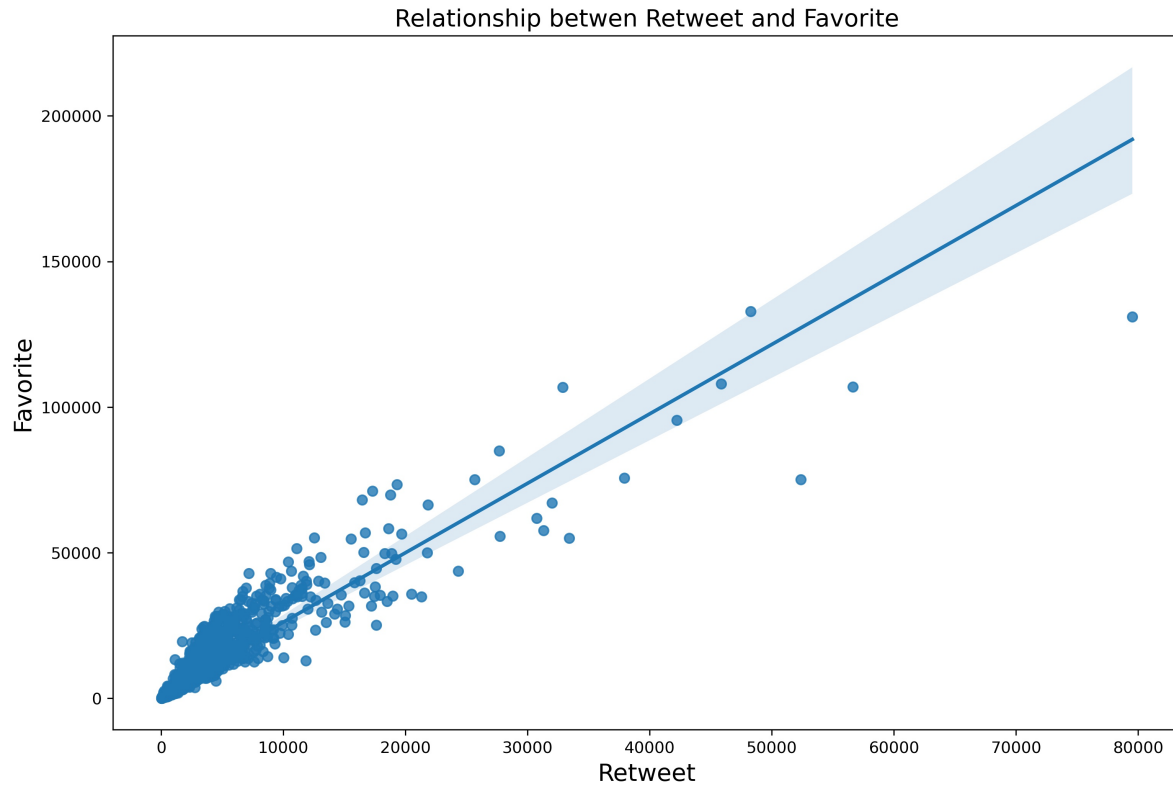
What is the impact of rating on retweet and favorite count?



Observation:

The correlation of rating on both retweet and favorite count varied widely. Apart from considering the rating, the image of the dog could probably be the reason. Most tweeter's might not like the view of the dog's physique. As a result, the rating of a particular dog is less likely to impact the numbers of retweet or favorite count it will get.

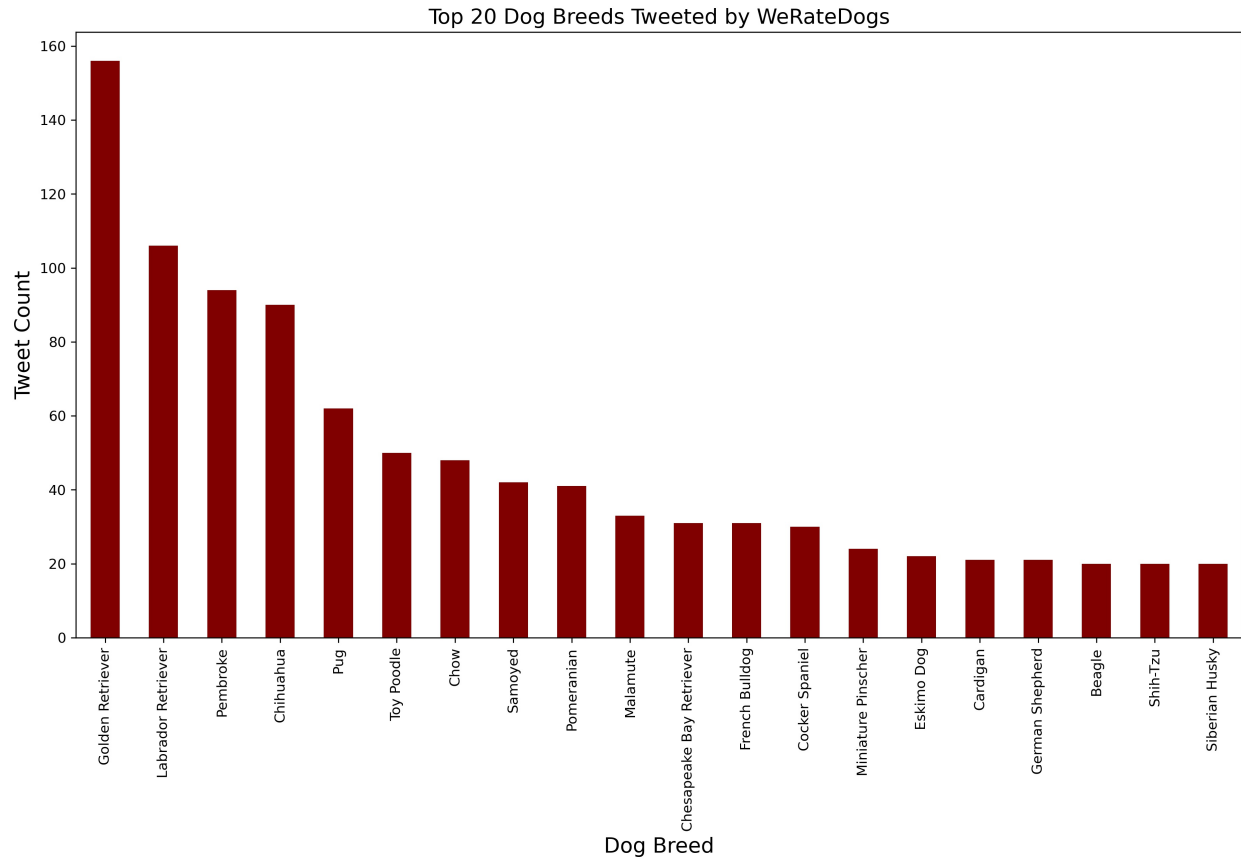
What is the relationship between retweet and favorite count?



Observation:

The correlation of the retweet and favorite count is statistically significant, as it clearly shows a positive linear relationship. This can be attributed to how appealing the image of the dogs are to most tweeters.

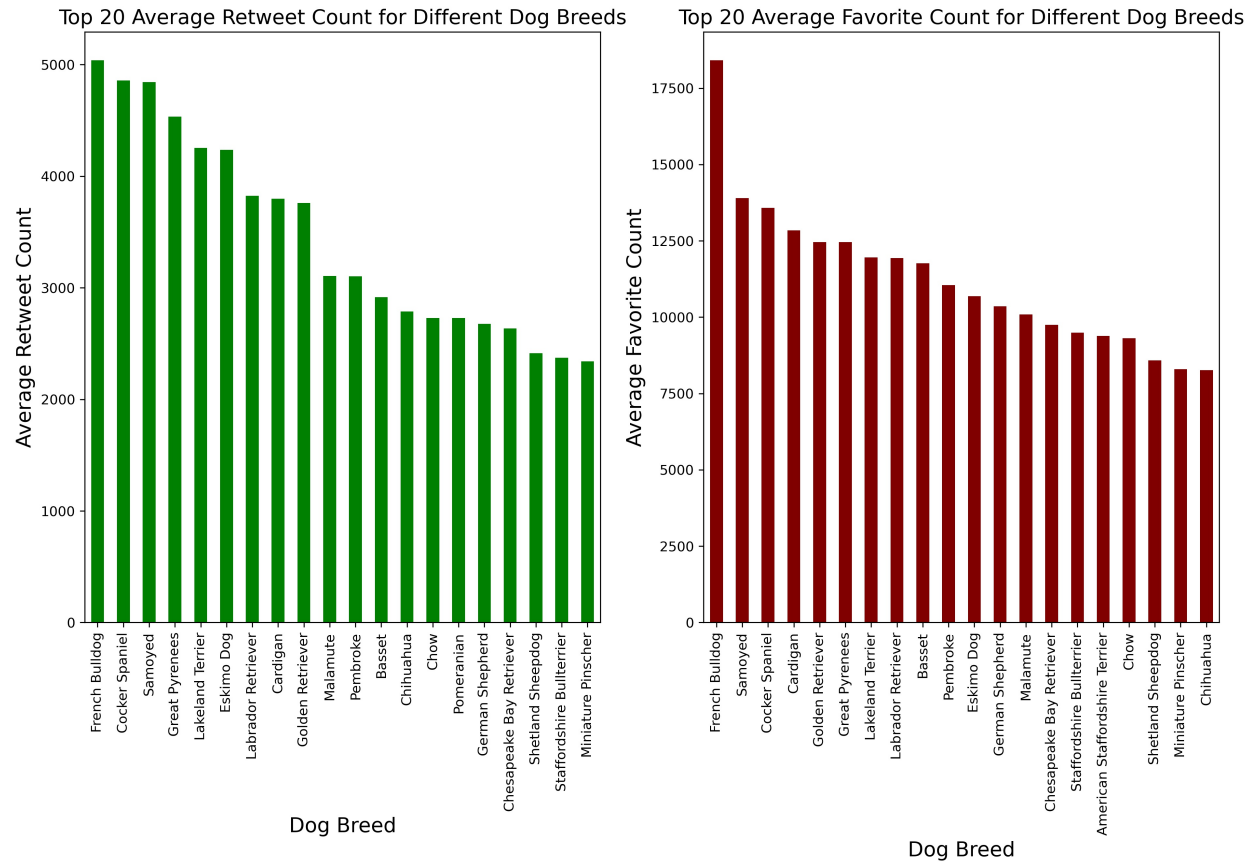
What is the top 20 most tweeted dog breeds?



Observation:

The noticeable top dog breeds being tweeted are, **Golden Retriever, Labrador Retriever, Pembroke, Chihuahua, Pug, Toy Poodle** and **Chow**. Every other dog breeds gradually decreased in count.

Which dog breed has the highest favorite and retweet count on average?



Observation:

The noticeable top dog breed being retweeted and favored is **French Bulldog**. This dog breed is compassionate, determined, kind, intelligent, loyal and make great family pets.