



WeRateDogs™    
@dog\_rates

 Follow

We only rate dogs. Please don't send perfectly toasted marshmallows attempting to drive. Thank you... 13/10

12:08 AM - 10 May 2017

  22,017  66,581

# Who is the Top Dog???

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Udacity - Data Analyst Nanodegree

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Term - 1, Project - 4.

## Overview

Family pressure to present a further individual from the four-legged assortment to our officially jam-packed family prompted some examination with information from the well known We Rate Dogs twitter site about which type of dog would be the most reasonable.

"WeRateDogs is a Twitter account that rates individuals' dogs with an amusing remark about the dog. It began in 2015 by an undergrad Matt Nelson and has gotten global media inclusion both for its popularity and for the consideration attracted to web-based life copyright law when it was suspended by Twitter.", from Wikipedia. As of December 2017, the Twitter record has about 4.56 million followers.

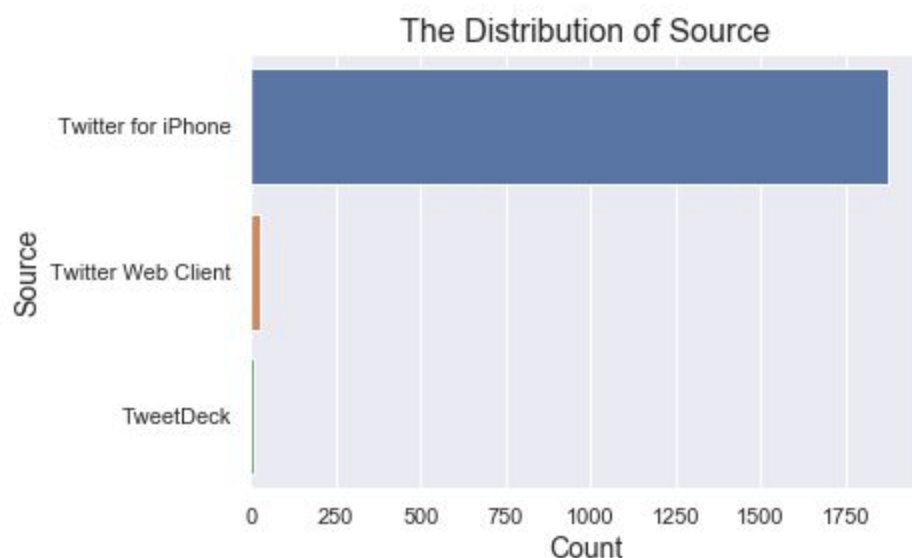
The data, which was made available to me by Udacity as part of my Data Analyst Nanodegree program and were then filtered to remove retweets, tweets with dog breed missing and tweets where there was no image.

## Goals

To answer the following questions:

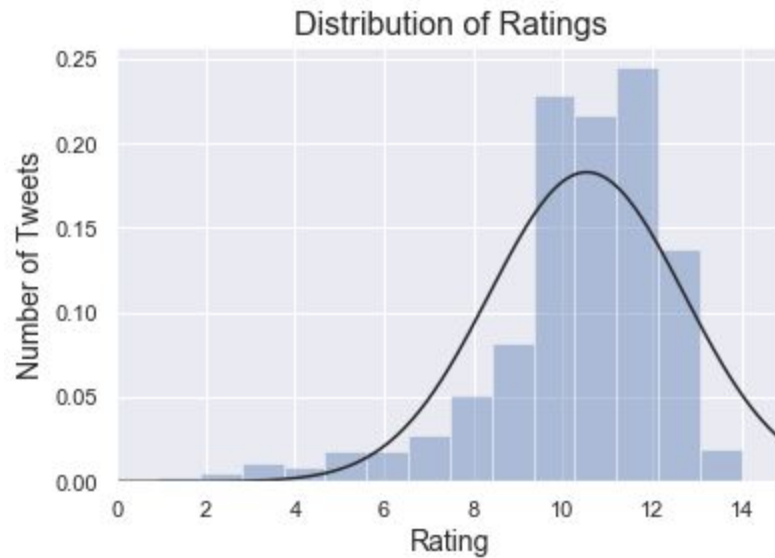
1. Which source is the most effective for tweets?
2. What is the relationship between favourite and retweet counts with dog rating?
3. Which breeds of dog are the most tweeted about??
4. What are the most retweeted & most favourite names of dogs?

## 1. Which source is the most effective for tweets?

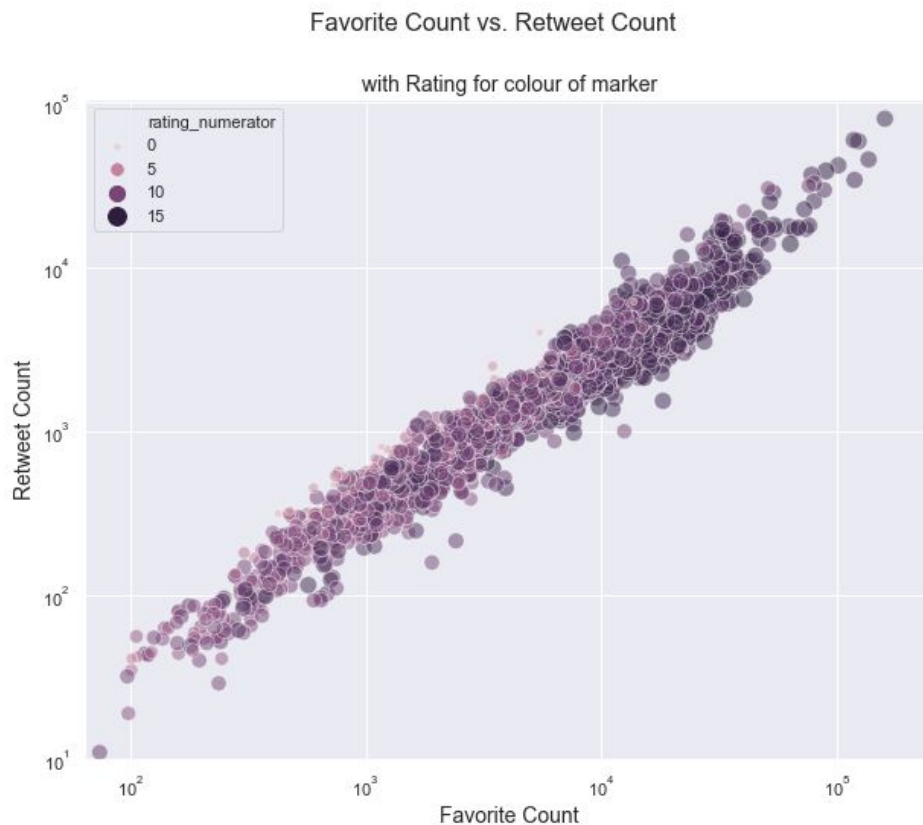


- This plot above shows the distribution of the source. We can see that the dominant source of tweets is from iPhone twitter app, which is 94% in the total.
- This means the twitter app is the main channel for people using to tweet, retweet, post, and others, while the TweetDeck is pretty rare (less than 1%).

## 2. What is the relationship between favourite and retweet counts with dog rating?

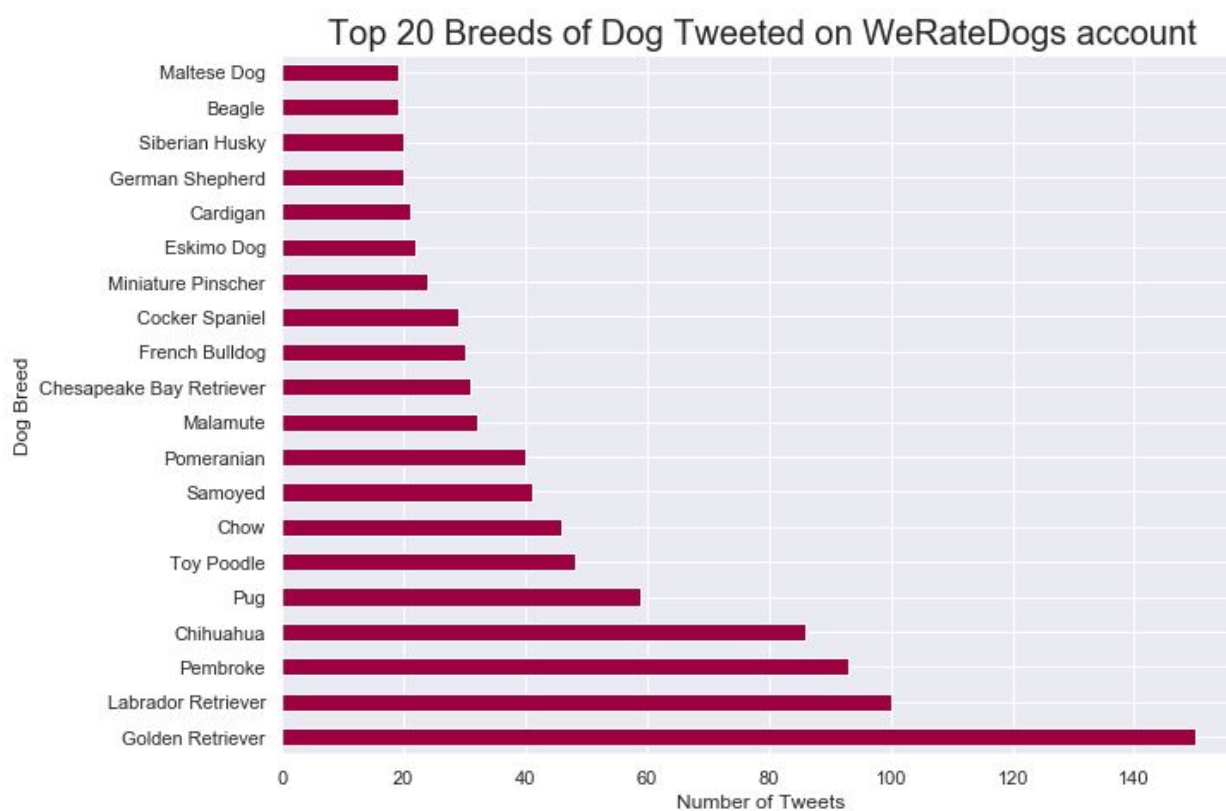


- The distribution of ratings is very skewed to the left. From the descriptive statistics above we see that 75% of all ratings are between 10 and 14 inclusive (the IQR is from 10 to 12).



- The overall picture is the solid positive correlation between retweet counts and favourite counts. It makes sense, however, in the event that I 'like' a tweet (favourite it) I am bound to retweet it too. If we check the points plotted on the graph follows unmistakable linear pattern with a positive incline slope, so as favourite count increases so does the retweet count.

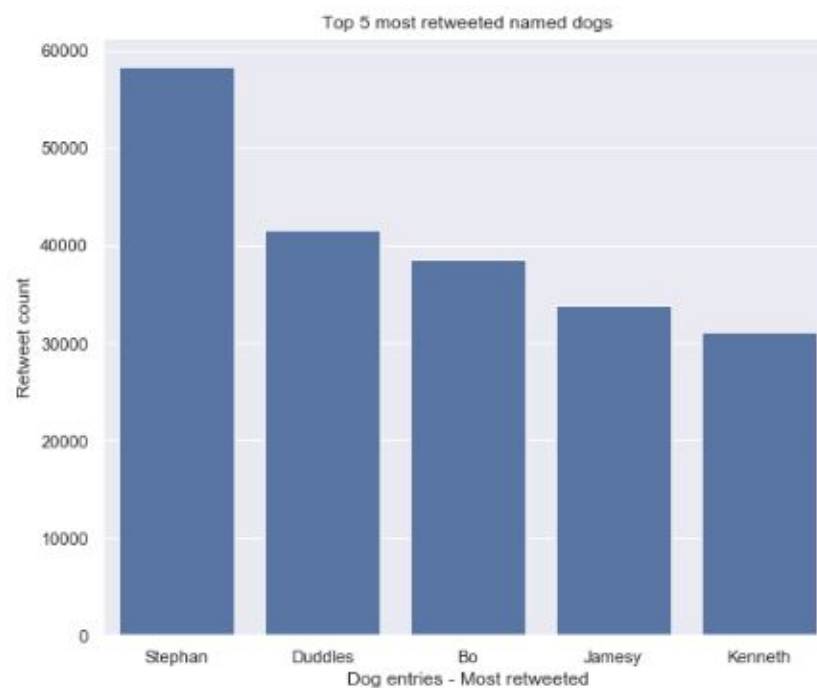
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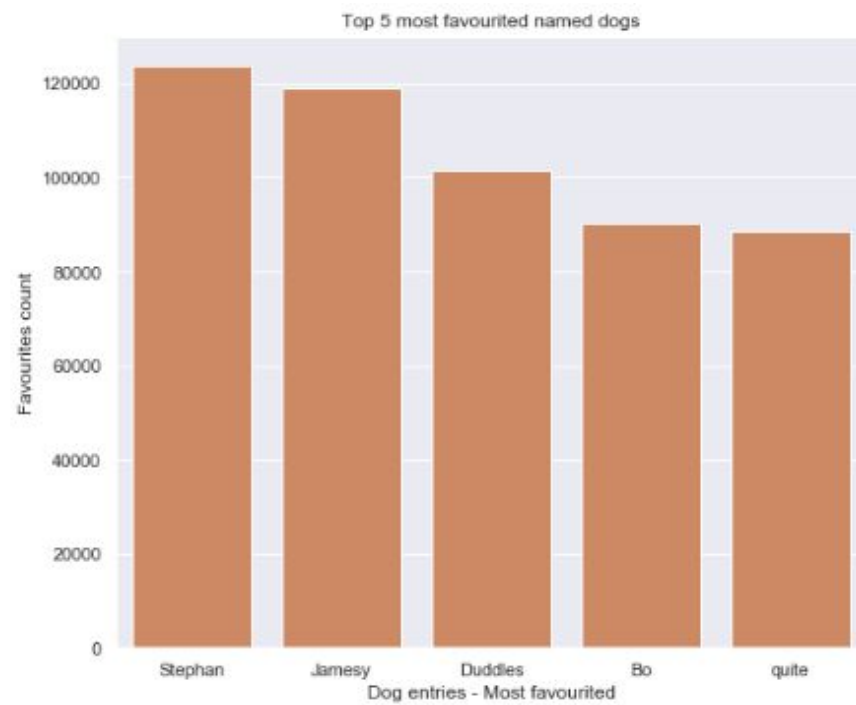
- We can see the top five tweeted dogs in order are Golden Retriever, Labrador Retriever, Pembroke Welsh Corgi, Chihuahua and Pug.
- With the Golden Retriever receiving substantially more tweets at 156 than the other breeds.

## 4. What are the most retweeted & most favourite names of dogs?

We are interested in investigating which *three* **named** dogs have received most retweets and, separately, which *three* **named** dogs received most favourites.



- These are the most retweeted names for the dogs based upon the dataset.
- *For the 'retweet' rankings, we have:* The most retweeted dog name is Stephan, with 56625 retweets



- These are the most favourite name of the dog on WeRateDogs.
- *For the 'favourites' rankings, we have:* most favourite dog name is Duddles, with 107956 favourites.