



# Data Wrangling Project - WeRateDogs Dataset Analysis

Udacity - Data Analyst Nanodegree

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# Data Analysis

## Overview

This report covers the 4th project of Data Analyst Nanodgereee, the analysis, and insights of the WeRateDogs Twitter account, @dog\_rates. This account posts dogs' images and asks its followers to rate them for fun. It has about 9.2M followers.

Here, I discussed the following points:

1. Favorite dog breeds
2. Popular dog breeds
3. Most-retweeted dogs

In the next section, I will discuss the first part in detail.

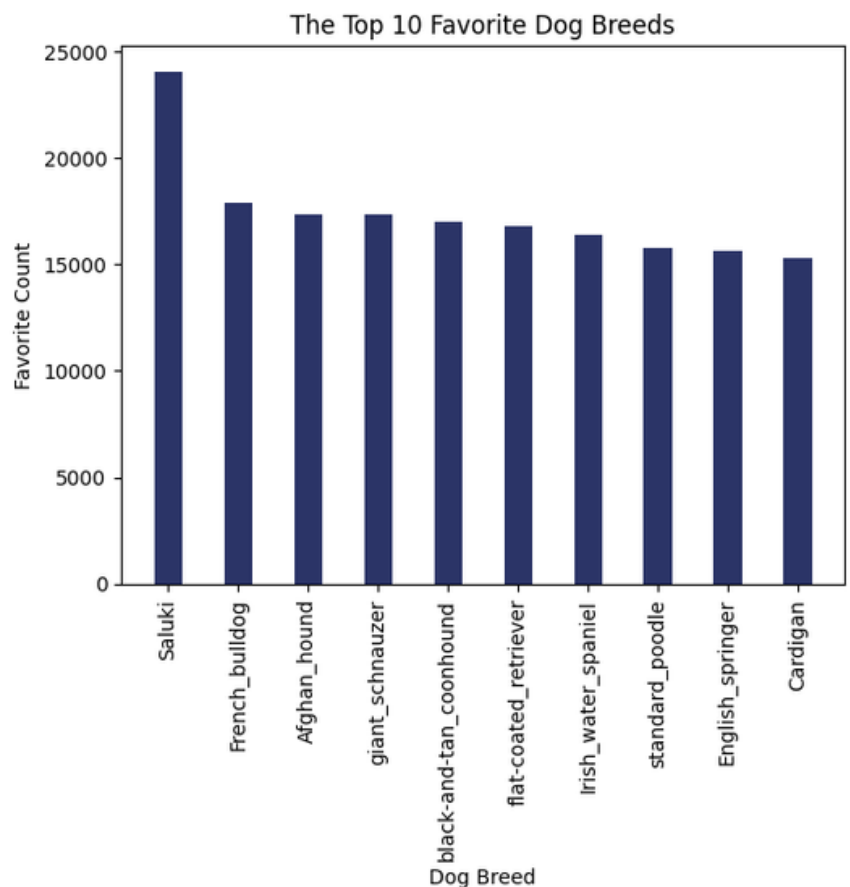


# Insights & Visualizations

## 1. Favorite Dog Breeds

When I worked with this dataset, my first question was: Which are the top 10 favorite dog breeds? To find out which dog breeds are most favorite, I used "Favorite\_count". As a result, the top 10 favorites are:

1. Saluki
2. French Bulldog
3. Afghan Hound
4. Giant Schnauzer
5. Black and Tan Coonhound
6. Flat Coated Retriever
7. Irish water Spaniel
8. Standard Poodle
9. English Springer
10. Cardigan





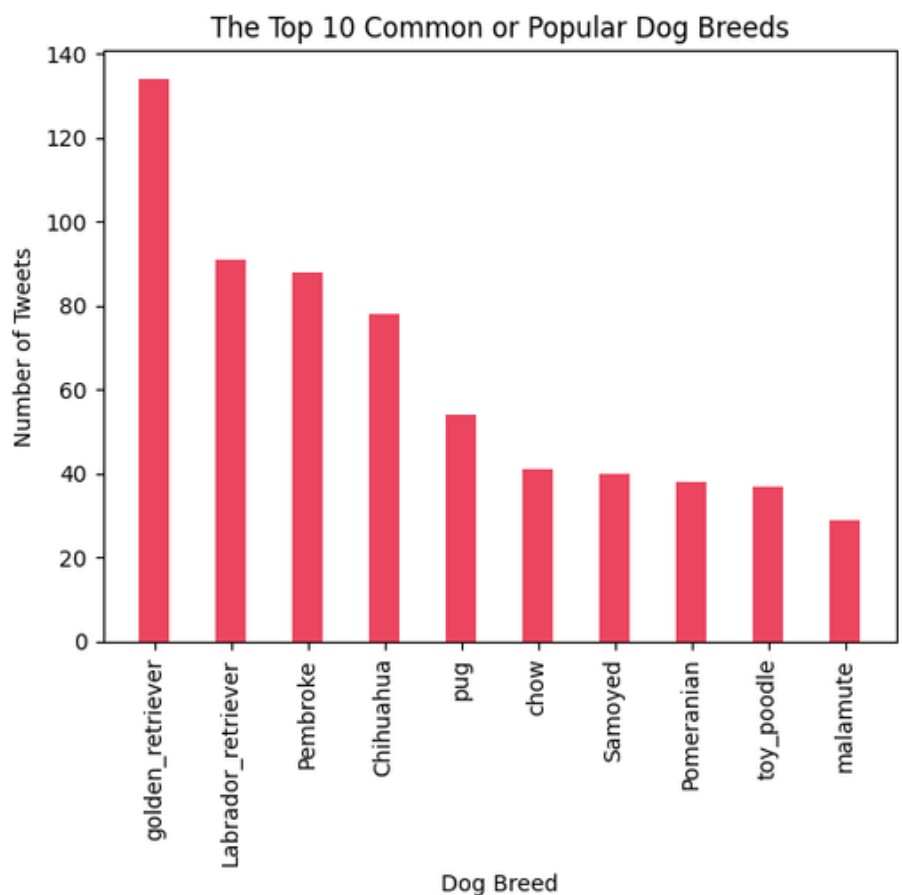
# Insights & Visualizations

## 2. Popular Dog Breeds

My next question was which dog breeds are popular or more frequently tweeted about. So, I counted the number of tweets for each dog breed and compare them to each other. The top 10 based on number of tweets (popularity) are:

1. Golden Retriever
2. Labrador Retriever
3. Pembroke
4. Chihuahua
5. Pug
6. Chow
7. Samoyed
8. Pomeranian
9. Toy Poodle
10. Malamute

As we see, the most popular dog breeds totally differ from the most favorite ones.



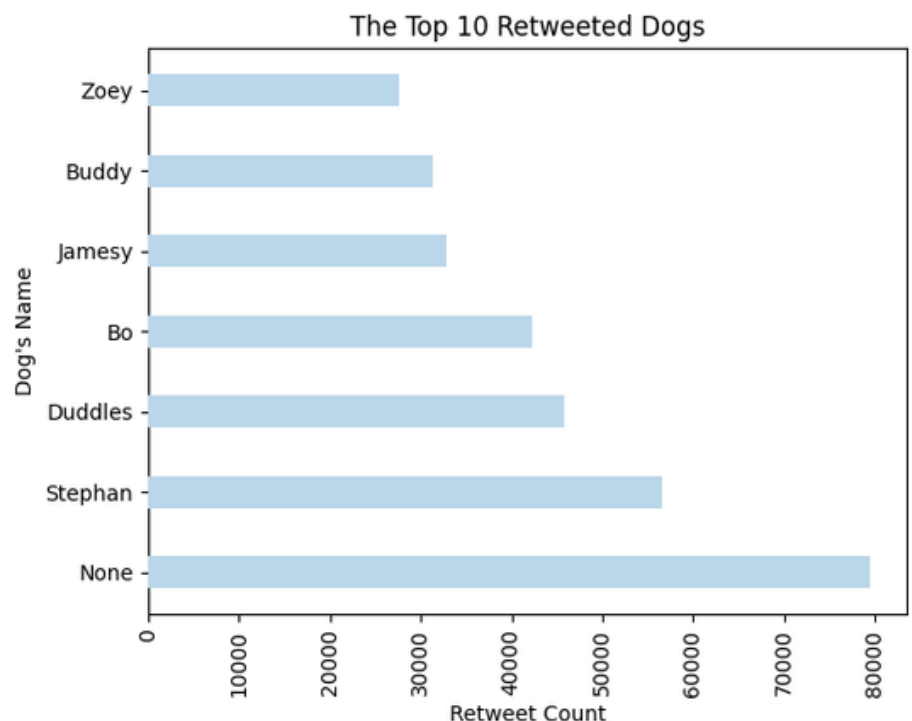


# Insights & Visualizations

## 3. Retweeted Dogs

Finally, I was wondering which dogs have received more interaction from followers. I decided to measure the interaction by Retweet\_count. Thus, I sorted the dogs based on the number of Retweet\_count. As a result, I found that:

1. More than 70000 of retweets were for dogs with no names.
2. If we exclude unnamed dogs, Stephan was the most retweeted dog.
3. Duddles is the second one.



I was curious to see those dogs. So, I retrieved their data from the dataset and you can find them in the next images.



# Insights & Visualizations

## 3. Retweeted Dogs





# Insights & Visualizations

## 3. Retweeted Dogs

