Wrangle & Analyze WeRateDogs Data
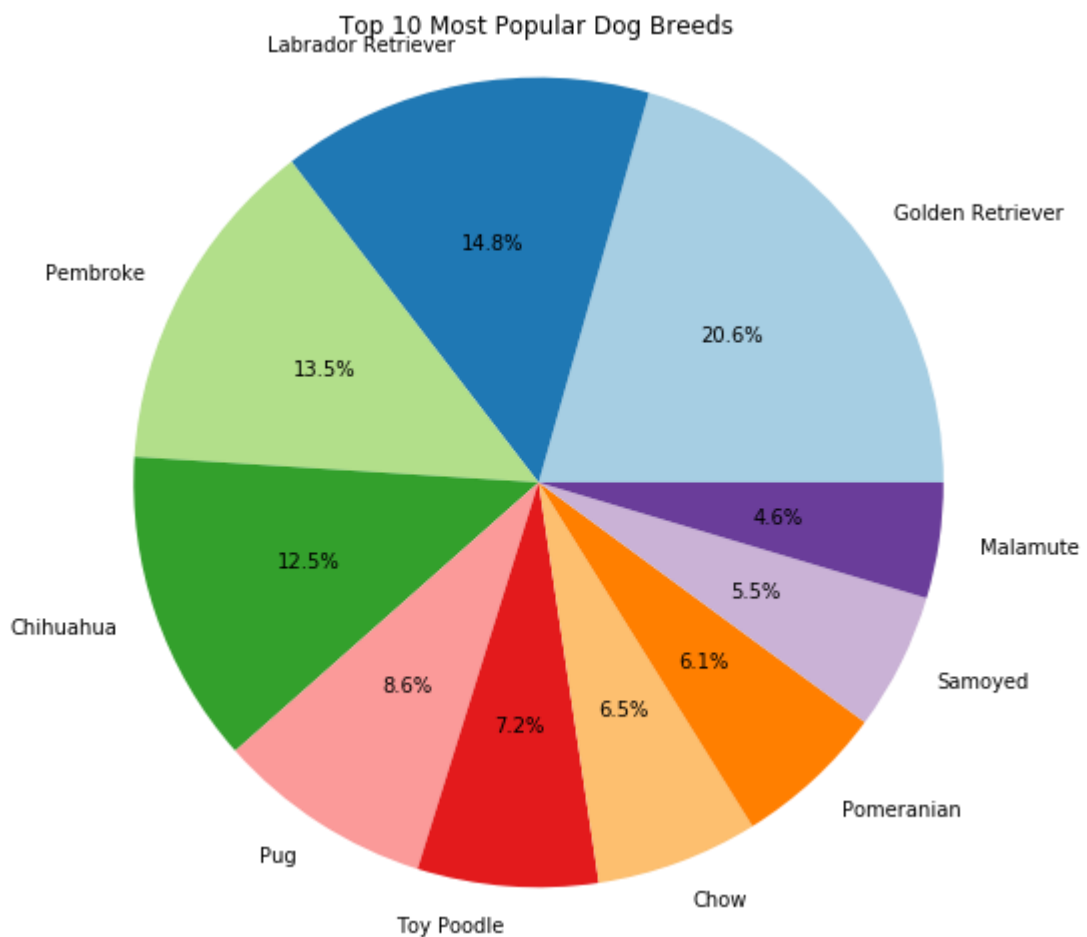
Analysis & Insights Report

After the cleaning and wrangling process of the data sources, now the time to get insights and analyze the resultant cleaned dataframe using *NumPy* and visualization libraries *matplotlib.*
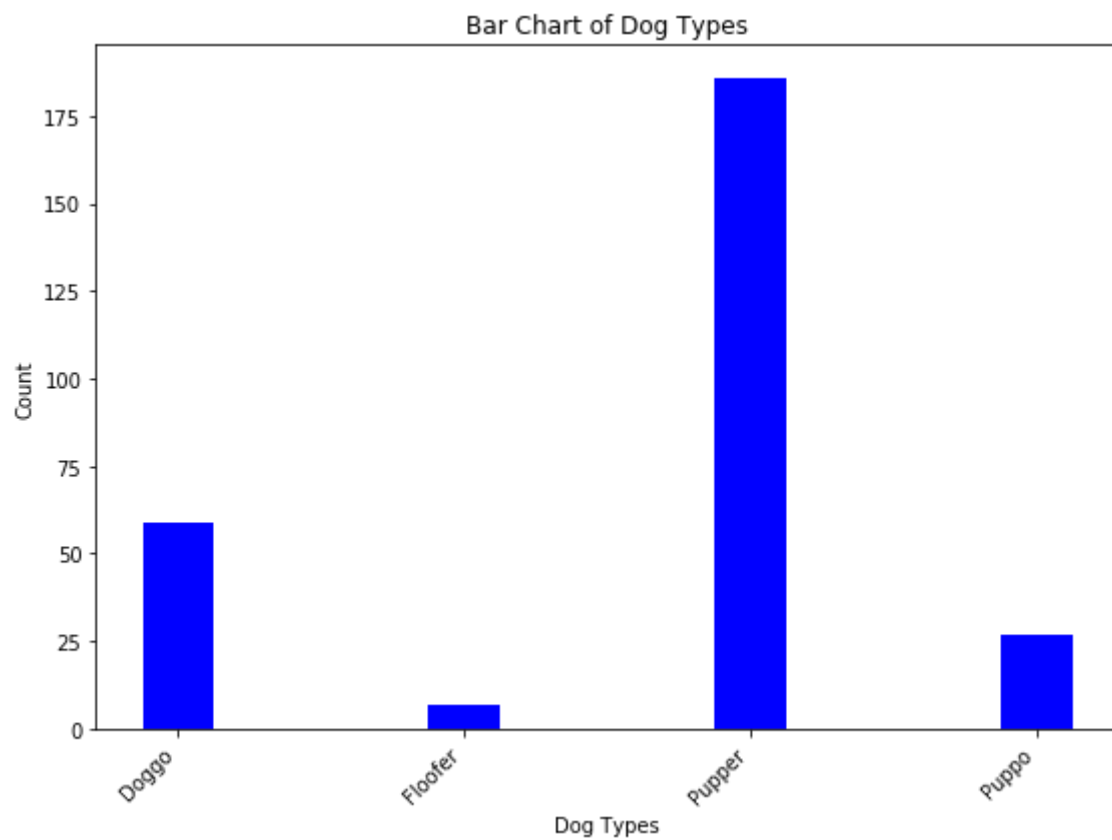
As learned in until now in the Nanodegrees analysis starts with raising questions and then using visualization to answer those questions which are as follows:

1. Which is the most common breed or popular breed of dogs?

    From the visualization one can conclude Golden (143) and Labrador (103) Retriever are most popular once. And Silky Terrier (1), Scotch Terrier(1) and Entlebeucher(1) are least popular dog breeds.
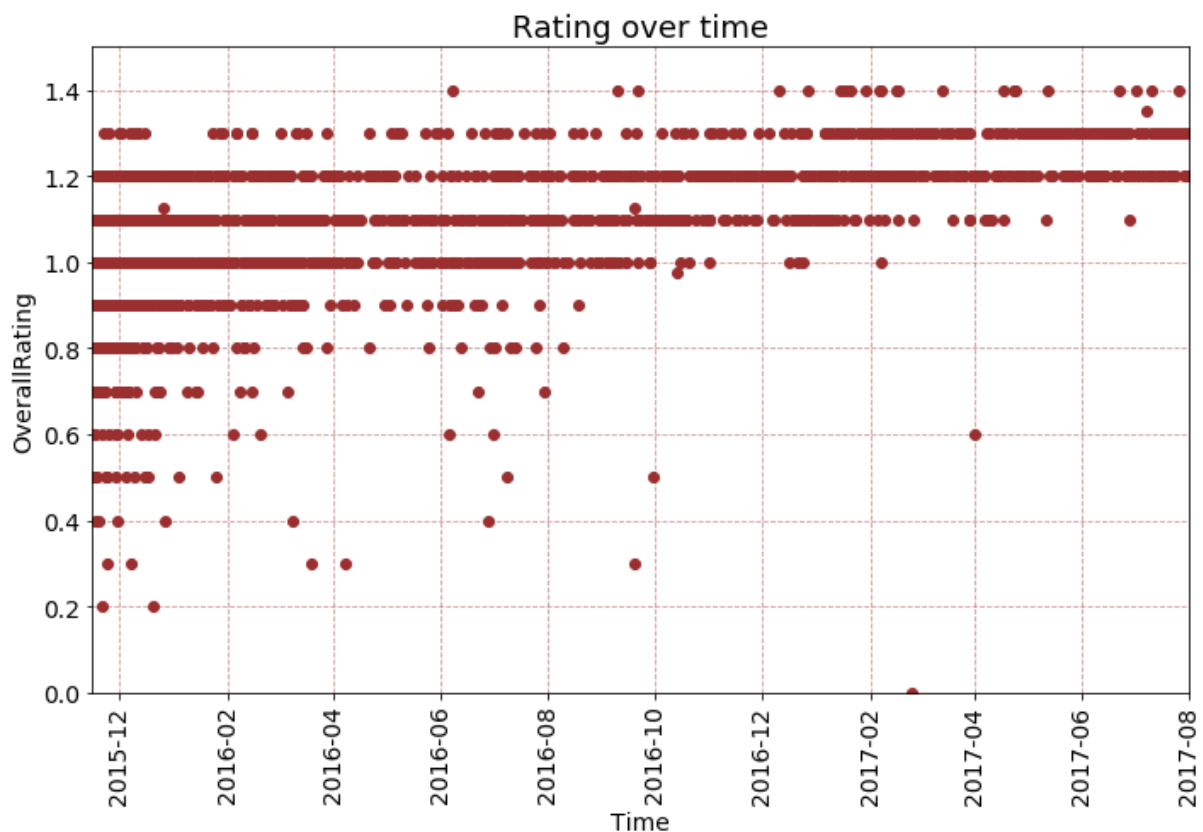
2. Which frequency are dogs categorized?

WeRateDogs data has categoried dogs into 4 catgeories. Pupper is surely the most common dog types followed by Doggo, Puppo and Floofer.
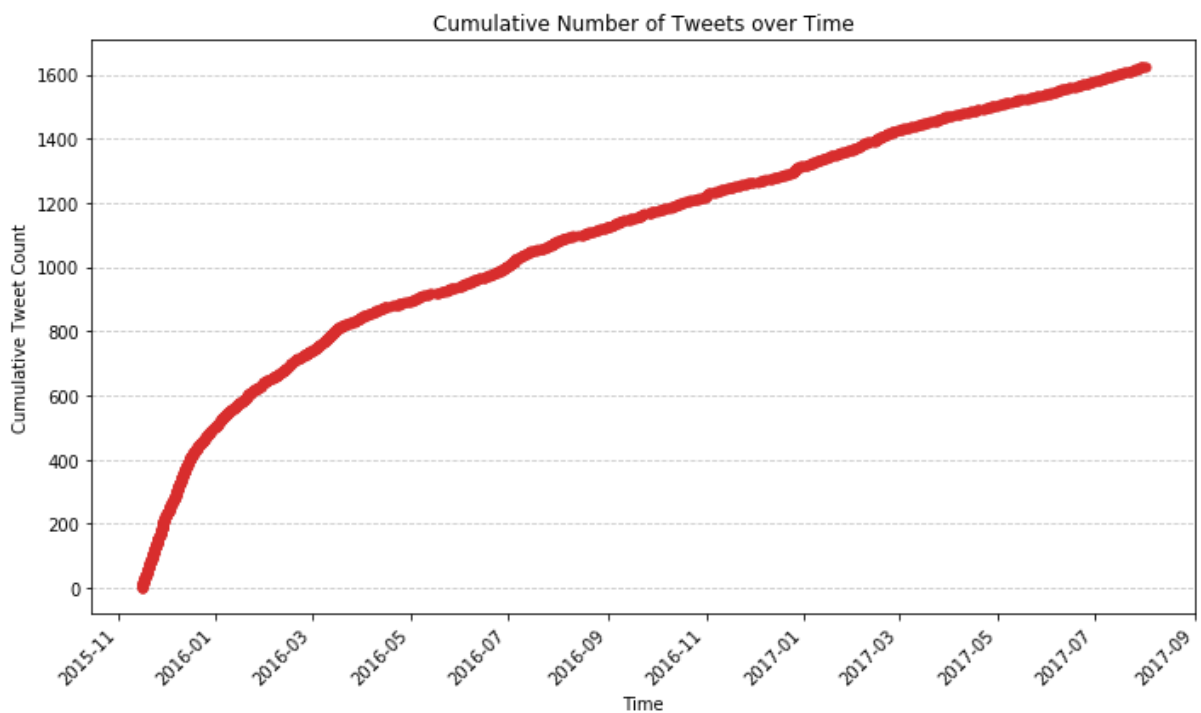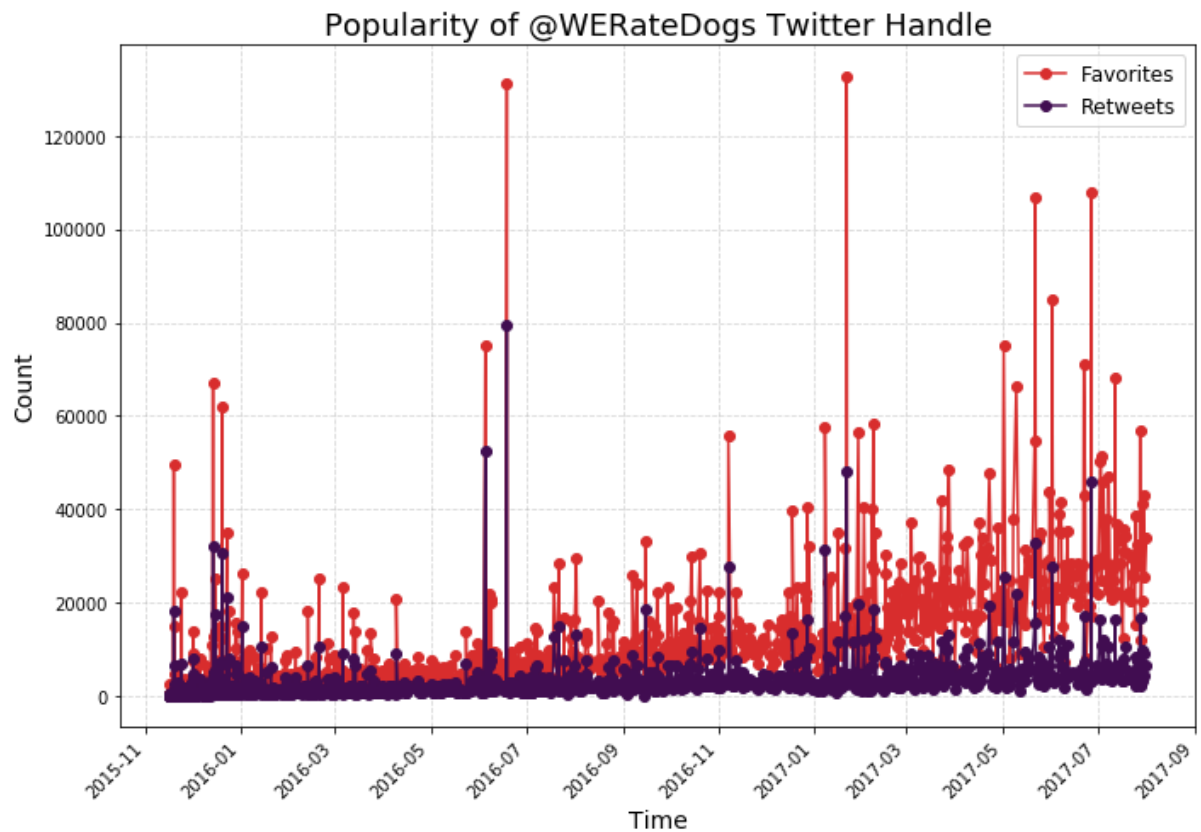
3. What is average rating?

As seen in 1st Insight, the GoldenRetriever (1.17) and Labroadar (1.19) are most popular dog breeds, but they are not the most highly rated dog breeds. Bouvier Des Flandres(1.3) and Saluki (1.25) are most highest rated dog breeds.

4. How has dog's overall rating changed over the time ?

As the WeRateDogs account started activity, for starting six-month page has rated many dogs low but with time the rating has risen above overall except some outliers.

5. With those high rating of dogs, how has the WeRateDogs account personally has gained popularity? What is the current follower's count? How many retweets and favorites over the timestamp?

Popularity of @WERateDogs Twitter Handle

Cumulative Number of Tweets over Time

The WeRateDog twitter handle has risen drastically from 2015-11 till 2017-09. As we can see in the plot above.

The twitter handle is compouding over time as we see in the cumlative count of tweets.

As of 29.07.2023, the account has 9.3 M followers.

PS: new twitter logo is dope X