Udacity: WeRateDogs Analysis
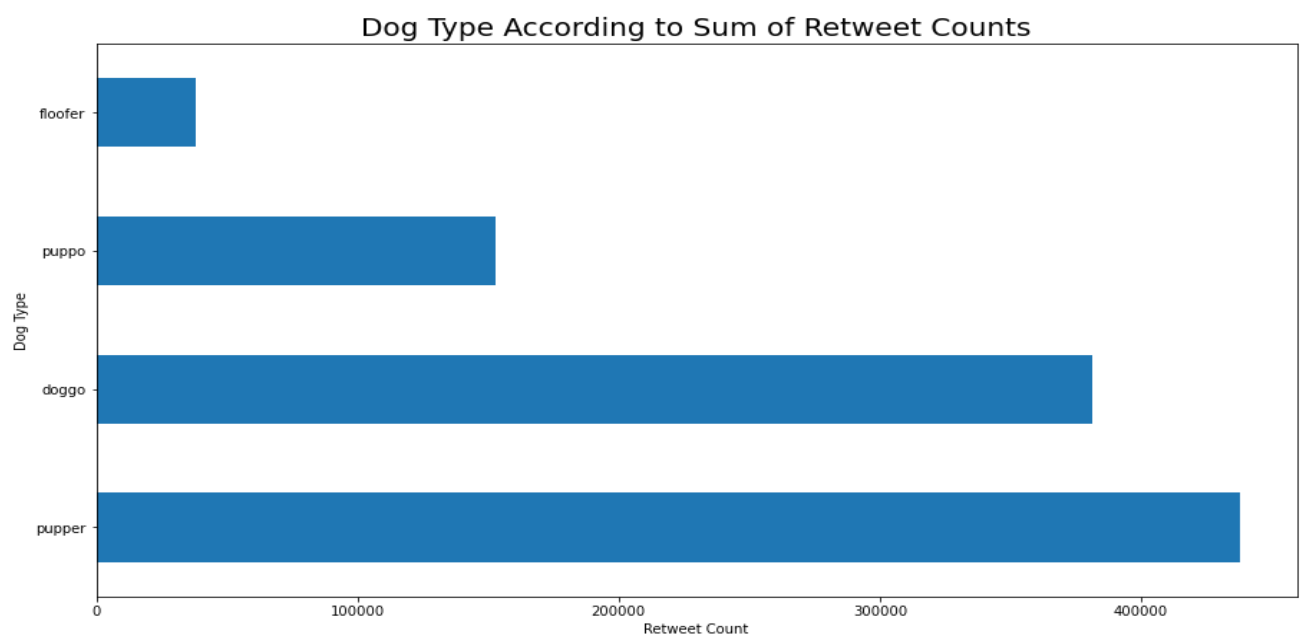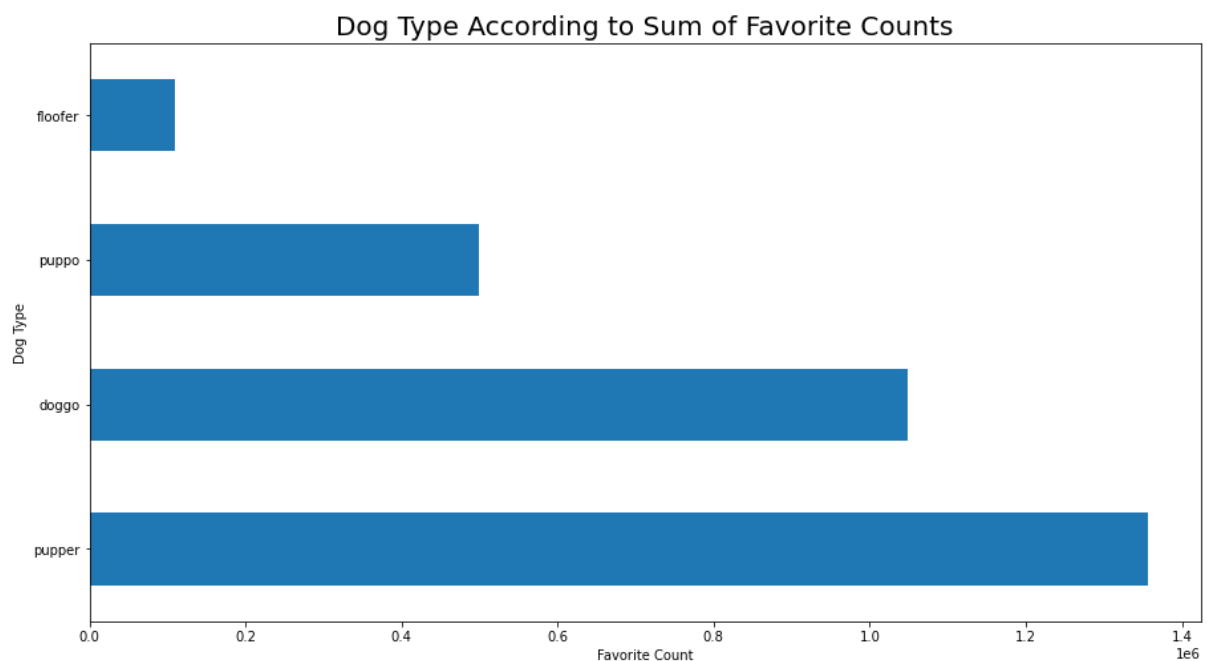
WeRateDogs Twitter account rates dogs using images from tweets posted on social media platform Twitter. The data used for this analysis is a combined dataset gotten from Udacity, Udacity server and Twitter API.

After assessment and proceeding, the resultant data used for the analysis was a total of 1971 rows of data.

The analysis I made was so as to narrow the search down to help potential buyers of dogs
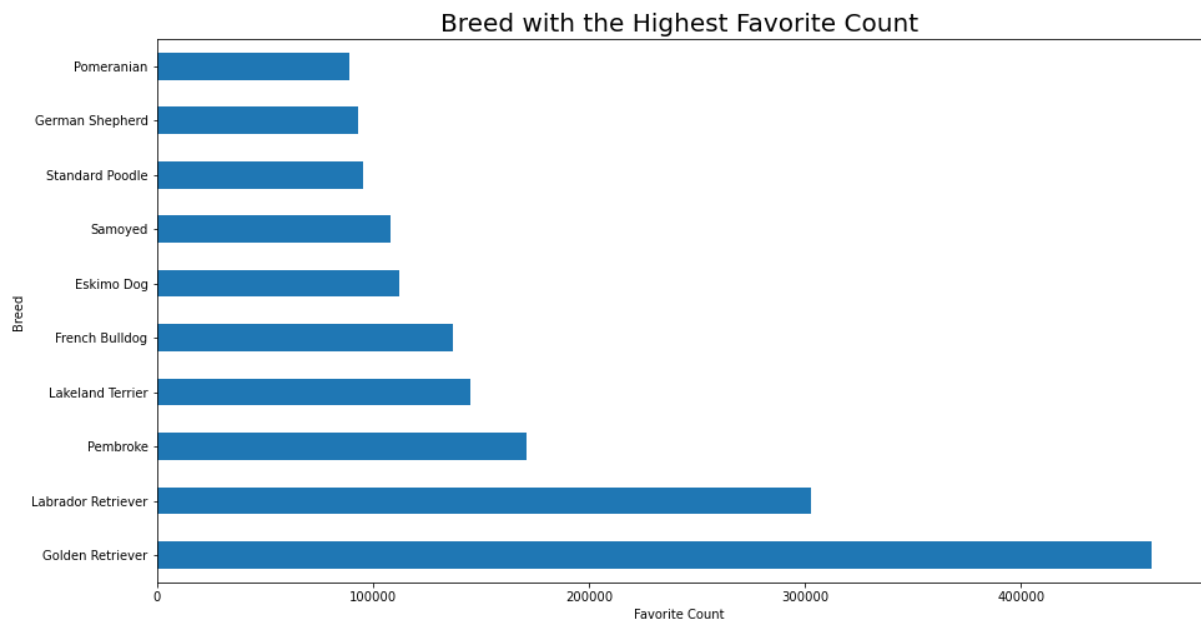
Analysis:

- I analysed the dog types and resultant interactions in terms of Favorite Counts and Retweet Counts

Dog Type According to Sum of Favorite Counts

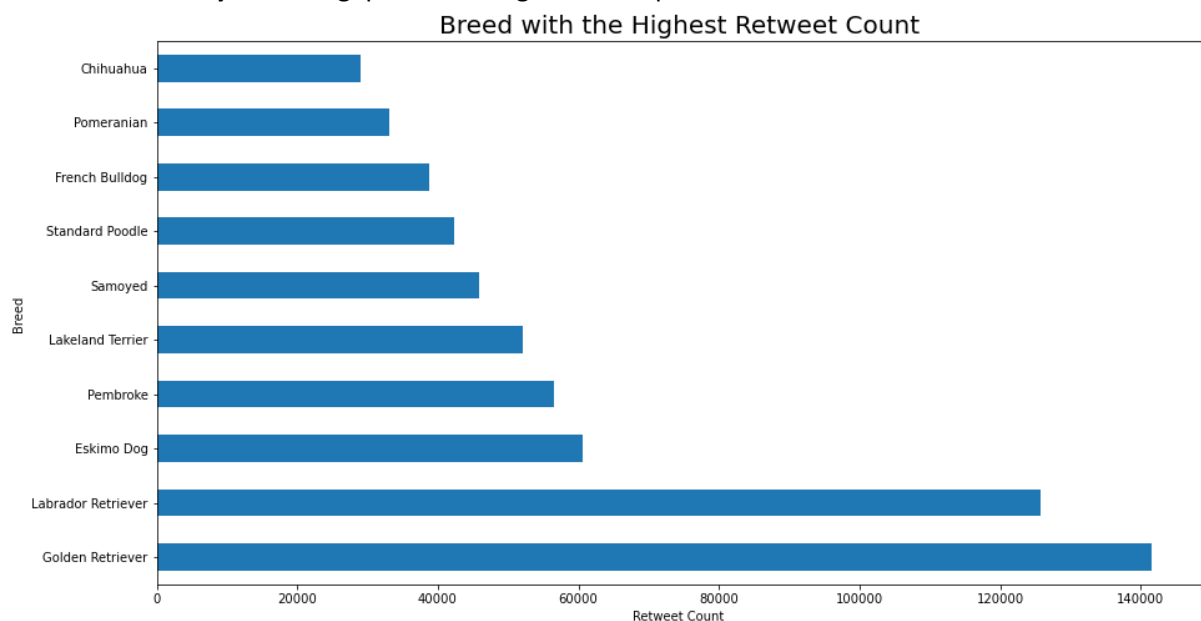Dog Type According to Sum of Retweet Counts

From the resultant graphs, I noticed that the dog type with most Favorite Counts is the Dog Type **'pupper'**. It led the next dog type with more than 20,000 favorites. Dog type 'pupper' also led the Retweet Count with about 50,000 retweets.

We can therefore conclude that Dog type '**pupper**' had more interactions on the **WeRateDogs** Twitter Account.

<u>For the second insight</u>, I decided to analyse and visualize the different breeds with their interactions. The golden receiver had the highest Favorite Count. Coming behind the **Golden Retriever** are the **Labrador Retriever, Pembroke, Lakeland Terrier and French Bulldog** all rounding up the top five.
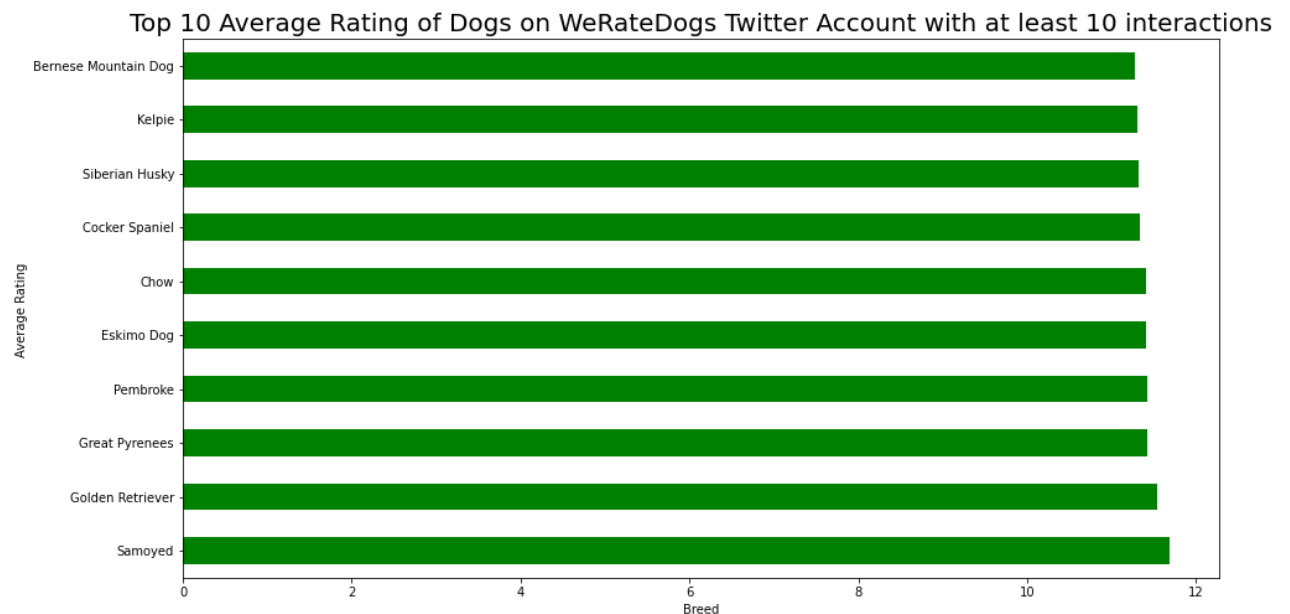

In the Highest Retweet Count it was the same result as the **Golden Retriever** had the highest retweet count also. It was followed by the **Labrador Retriever** which also gave **Pembroke, Lakeland Terrier and Samoyed** some gap all rounding out the top 5

In the third and final insight for this project, I decided to analyse the top 10 dog breeds on the WeRateDogs Twitter Account using average rating of each breed.

It is important to note that **WeRateDogs** sometimes rate dogs above the supposed threshold of 10. For this analysis, I limited the rating threshold to 14 so as to exclude unnecessary outliers and prevent skews.

Taking a look at the resulting visualization, we can see that **Samoyed** leads the pack closely followed by the **Golden Retriever**. **Great Pyrenes, Pembroke and Eskimo Dog** all round out the top 5

CONCLUSION:

With the above analysis, it is safe to conclude the best dogs to get for my sister based on the interactions on **WeRateDogs** Twitter Account would be either of 4 choices; **The Golden Retriever pupper** would be the first choice closely followed by the **Samoyed and Labrador Retriever pupper**, the **Pembroke pupper** would be the choice if the first three aren't available.

Safe to say the dog will be '**pupper**'.