WeRateDogs – Twitter Data

Data Analysis
Questions:

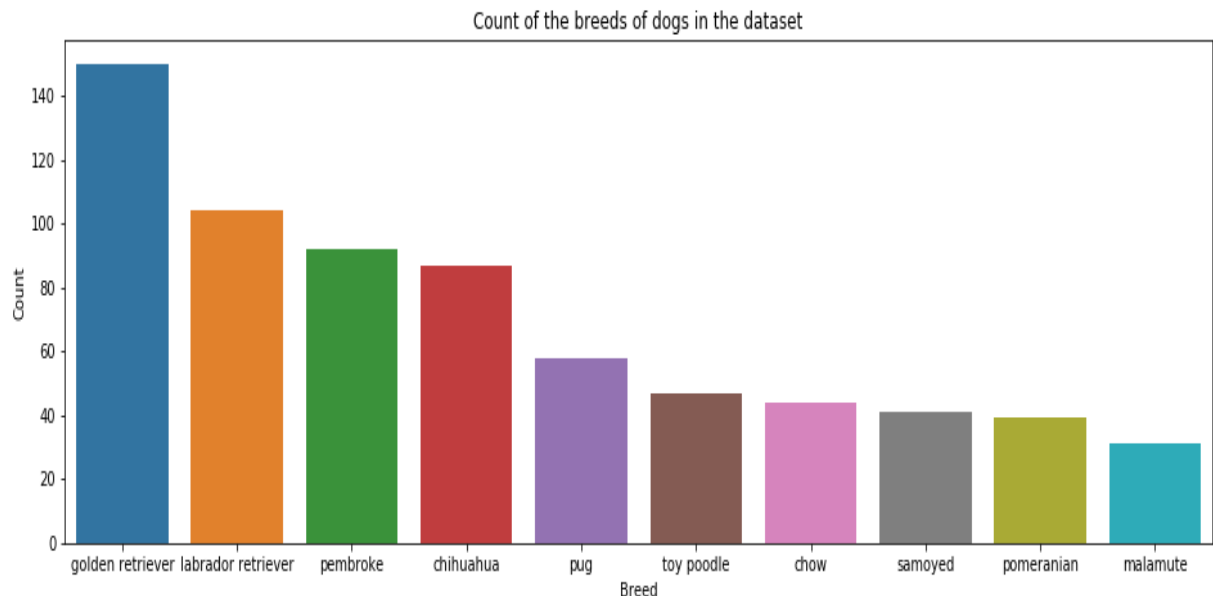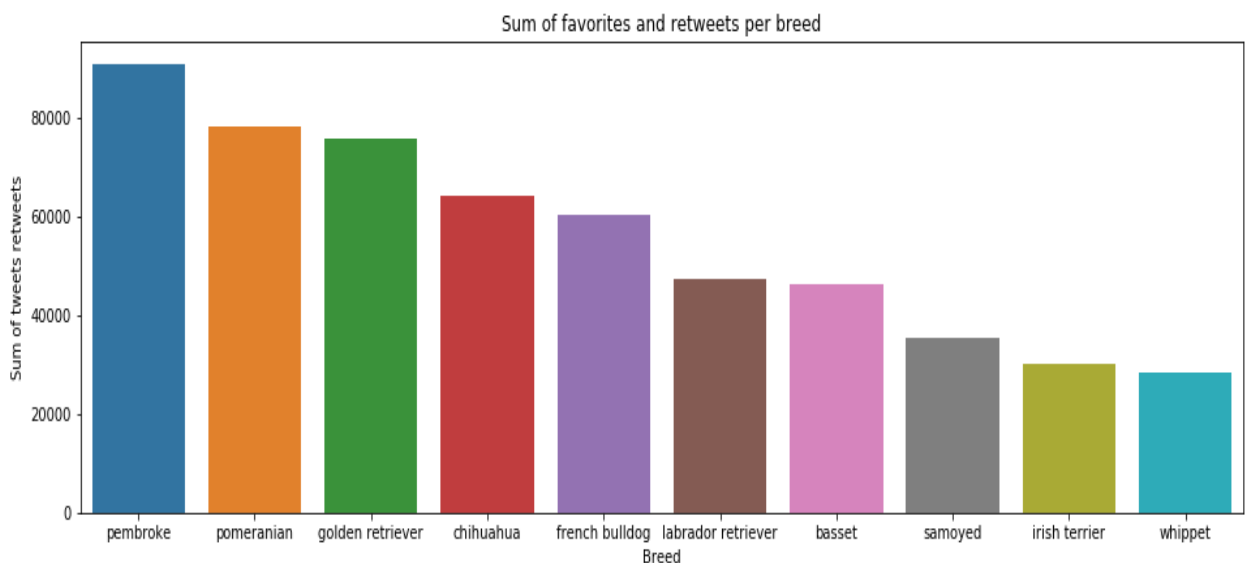**1.** Based on the predicted, most likely uploaded dog breed: Which breed gets retweeted and favorited   the   most   overall?
2. What is the frequency of tweets being done by the users?
3. What is the most predicted dog breed according to each of the algorithms?

Based on the predicted, most likely uploaded dog breed: Which breed gets retweeted and favorited the most overall?

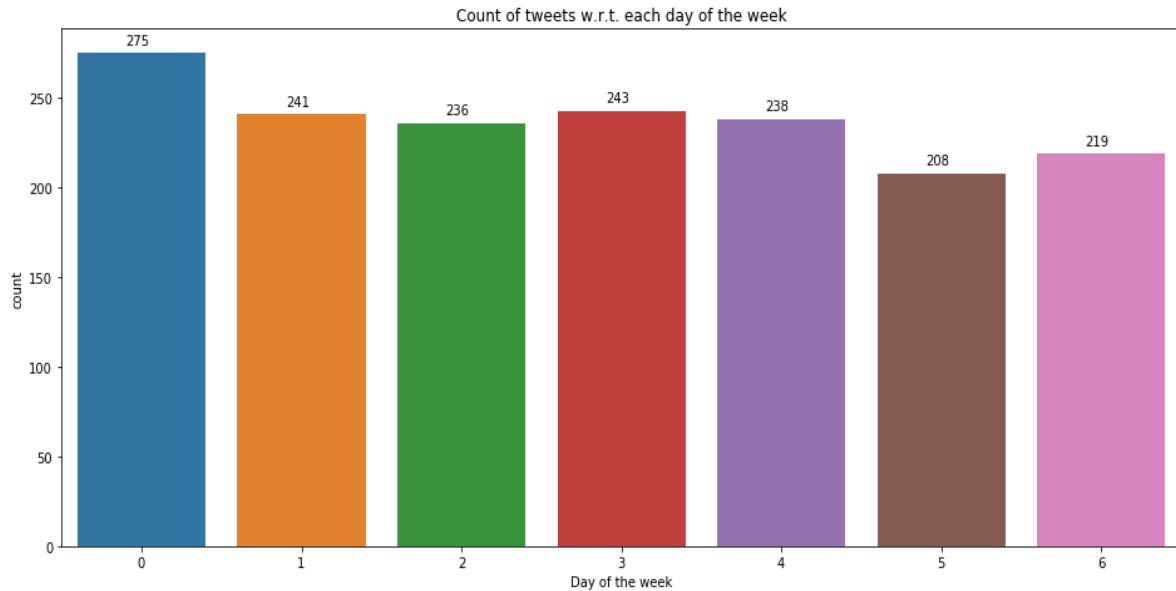For this we will look at the breed column in our cleaned dataframe and find the most likely dog breed

We find here that the most common breed among the ones tweeted is Golden Retriever
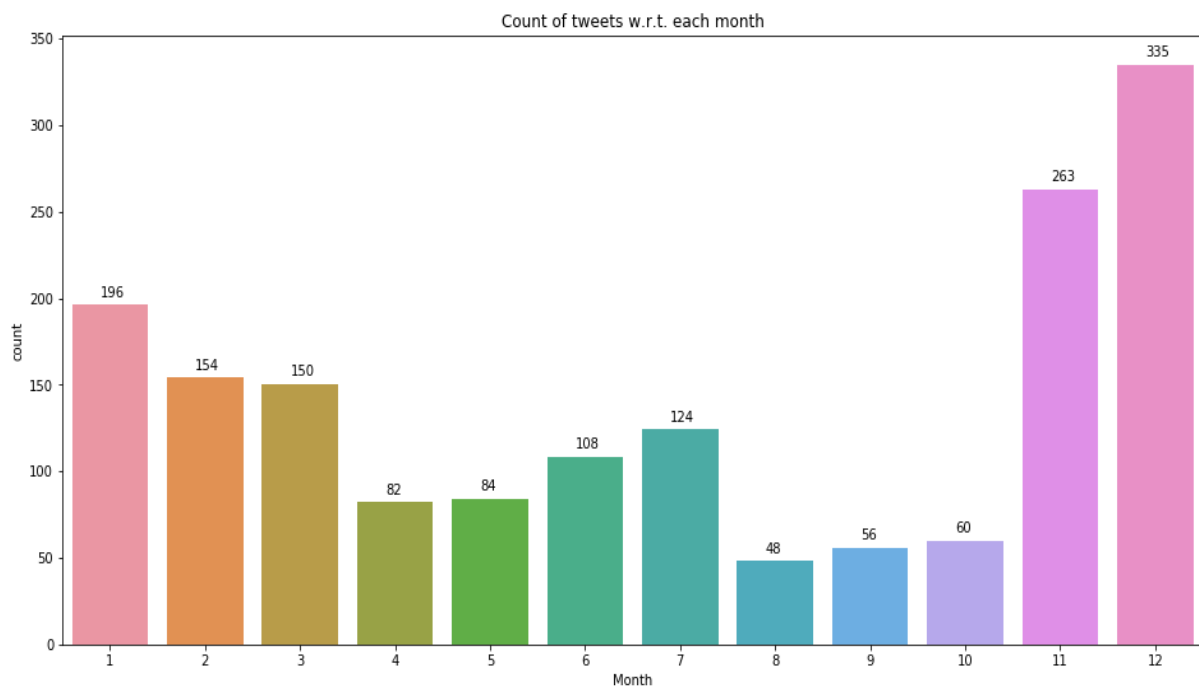
We find with this graph that the most tweeted dog breed is the Pembroke

What is the frequency of tweets being done by the users?

For this we extracted the day of the week for each tweet being done as well as the month of each tweet using the lambda function
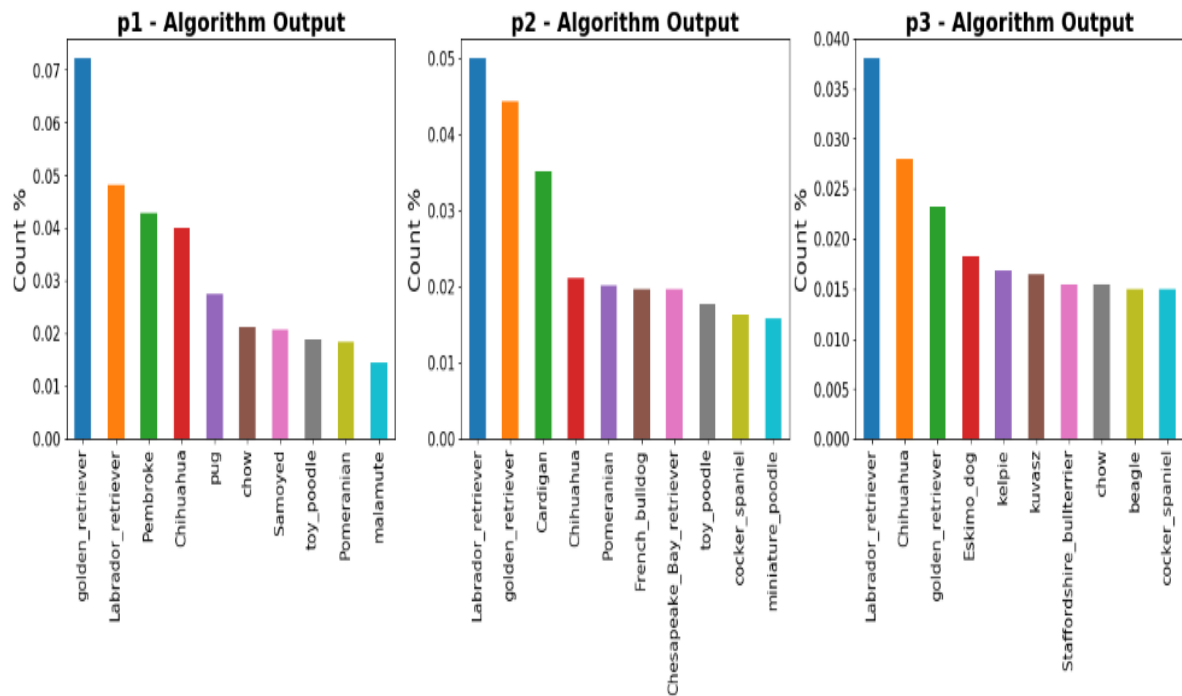

Count of tweets w.r.t. each day of the week

Monday was the day when most tweets were done on the page.

Count of tweets w.r.t. each month

The maximum tweet frequency was in the month of December.

What is the most predicted dog breed according to each of the algorithms?

We can see here that the most predicted dog breed is mainly the Golder Retriever or the Labrador Retriever.

From all the analysis done above, we can say that most people that tweet own Retrievers and most of the tweet data is about them. Also many times the users do not give the correct ratings as per the 10 point format and it takes a lot of time in cleaning such type of data.