# We Rate Dogs Act Report

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Project Description

In this project, we used as dataset, the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

We gathered some additional data and merged with the tweet archive of WeRateDogs. First additional dataset is collected with the via the Twitter API by querying the tweet ids in the tweet archive. Second additional dataset is provided by Udacity, which is the result of a neural network that can classify breeds of dogs which is available here
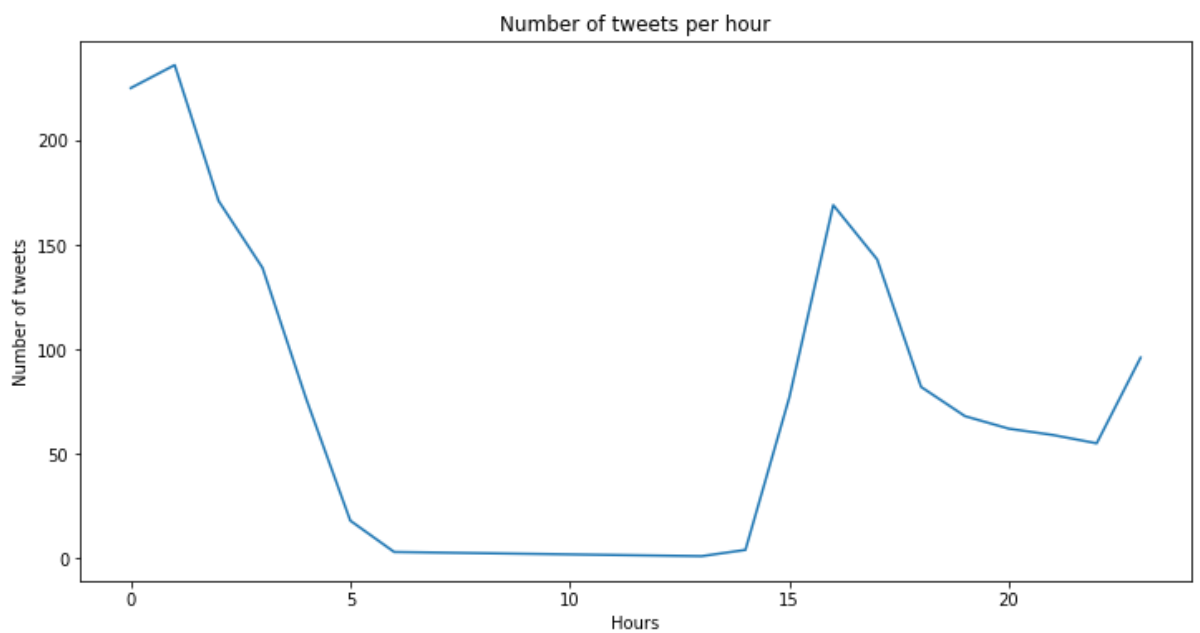
Below are the data insights from the final dataset which is the combination of these three datasets cleaned and merged.
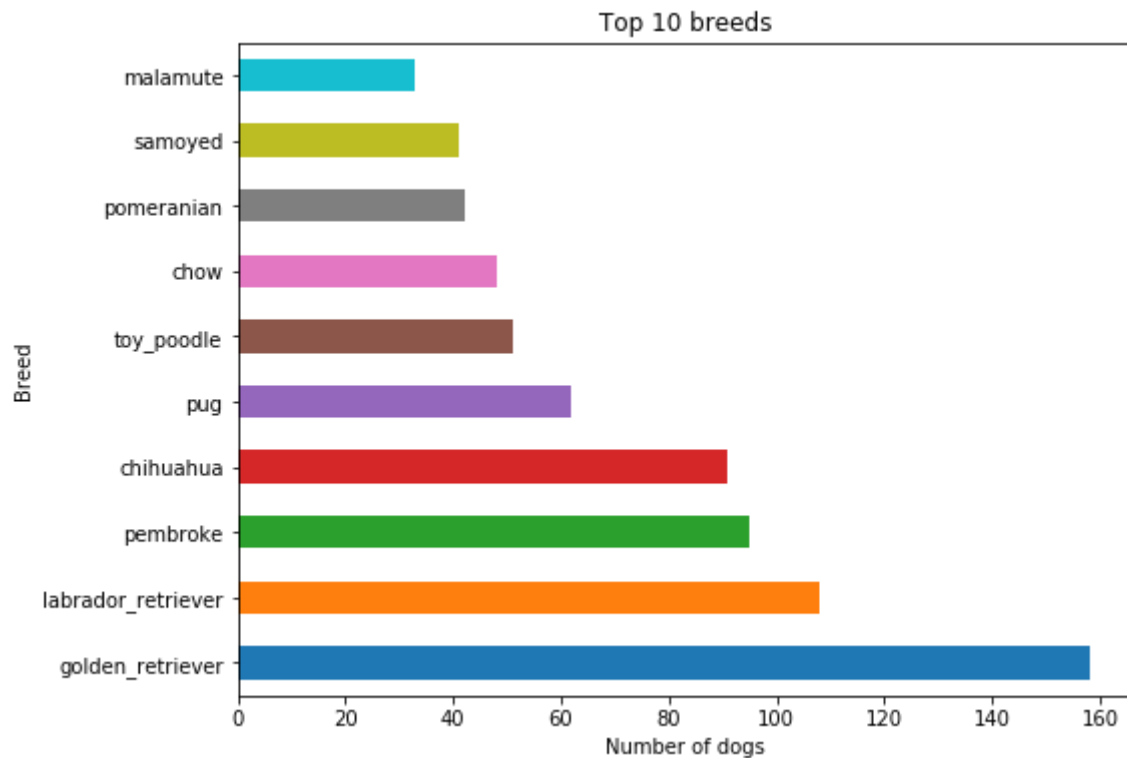
Data Insights

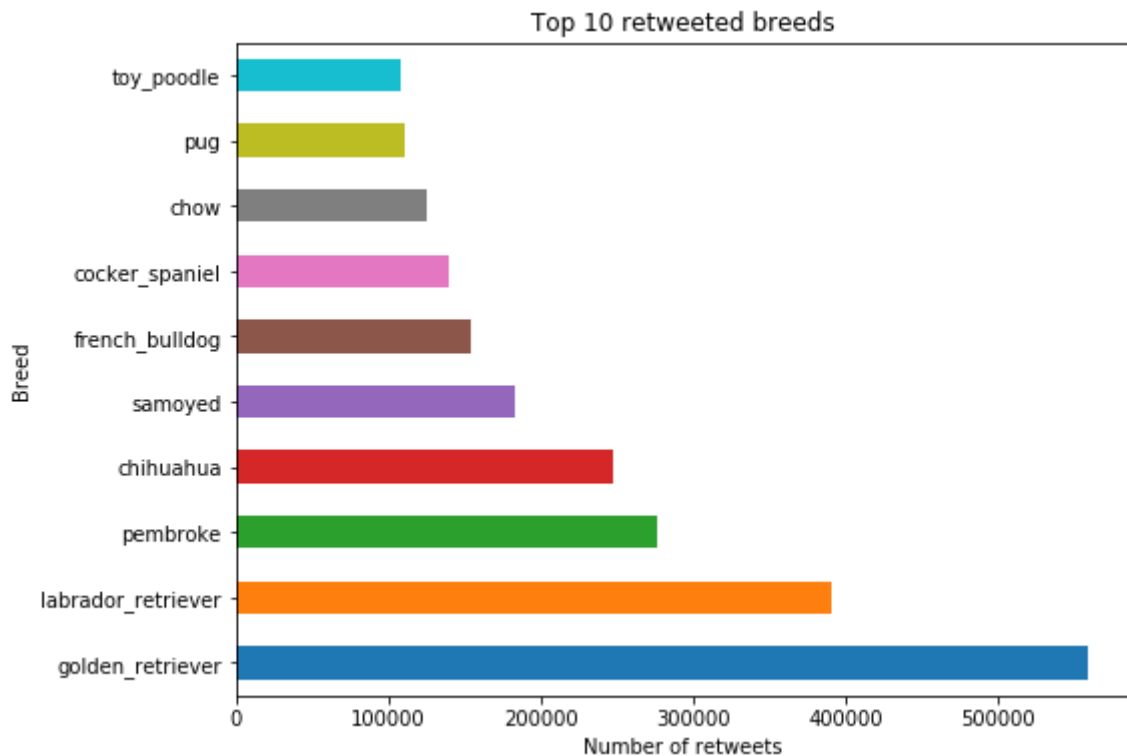### 1. What is the most popular month to tweet?

Number of tweets per month
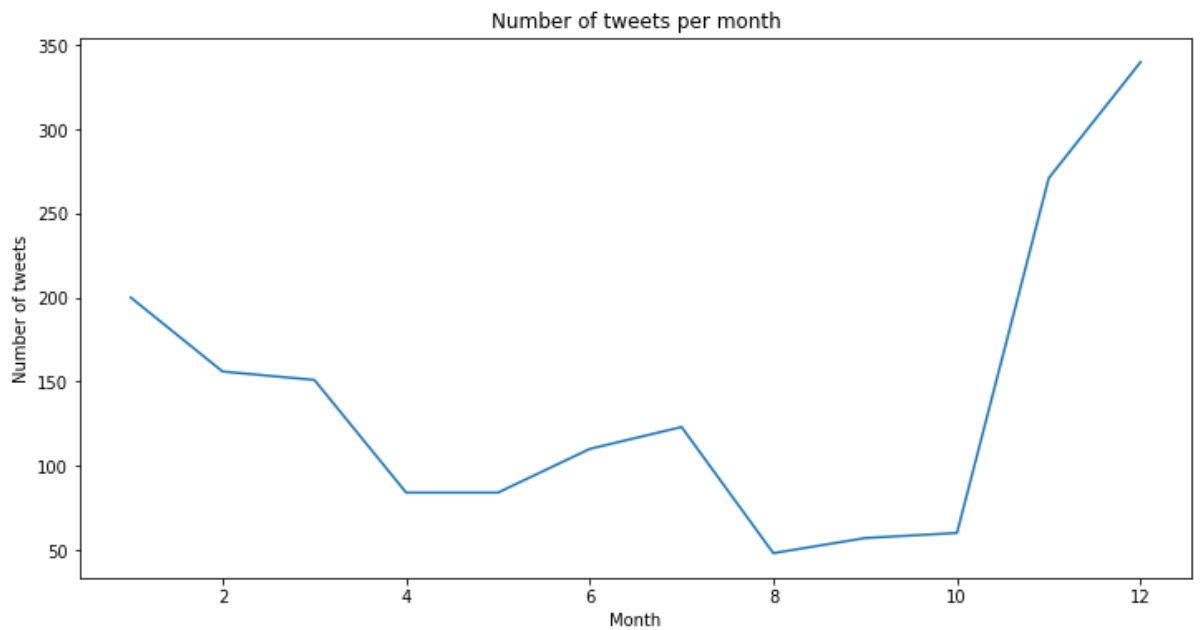
2. What is the most popular hour to tweet?

Number of tweets per hour

3. What are the top 10 most popular dogs breed?

Top 10 breeds

4. What are the top 10 most retweeted dogs breed?

Top 10 retweeted breeds

5. What are the top 10 most favorited dogs breed?

Top 10 favorited breeds
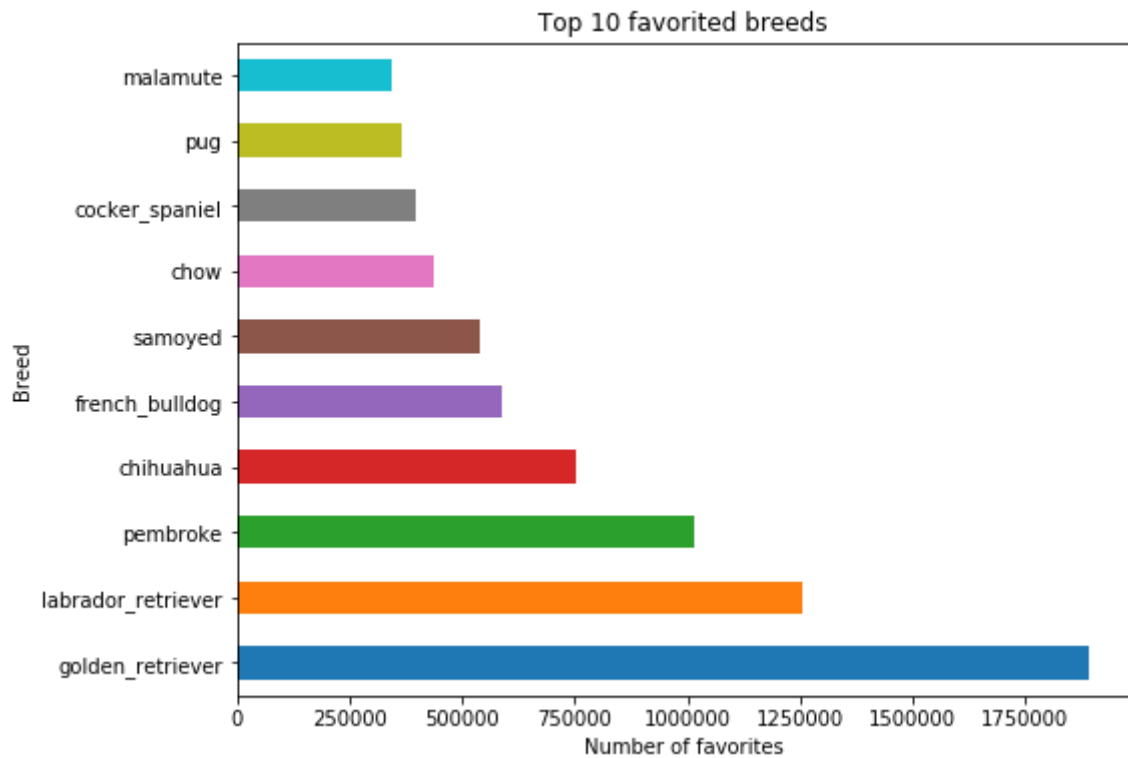
6. Are retweeted and favorited tweets correlated?

Correlation beteen retweeted and favorited tweets
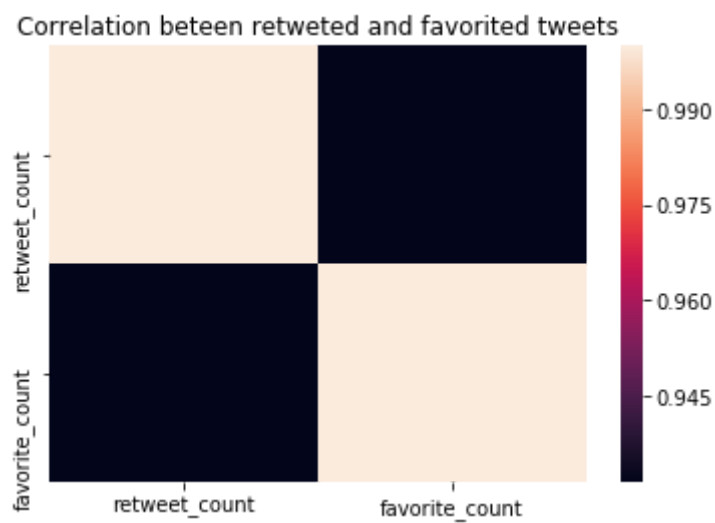
Summary

In the twitter archive, the tweets are posted mostly in November and December. Most popular hours of tweets are at night between 12 am and 6 am and in the afternoon between 2 pm and 12 pm. Top 3 dogs breeds in the dataset are golden retriever, labrador retrier, pembroke and they are also in the top 3 most retweeted and favorited dogs breeds. The retweeted tweets and favorited tweets are highly correlated.