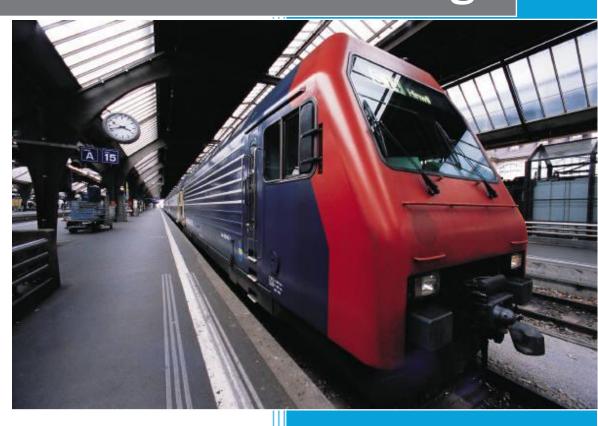
2020

WeRateDogs



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Done for Udacity, Data Analysis

Nanodegree

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Introduction

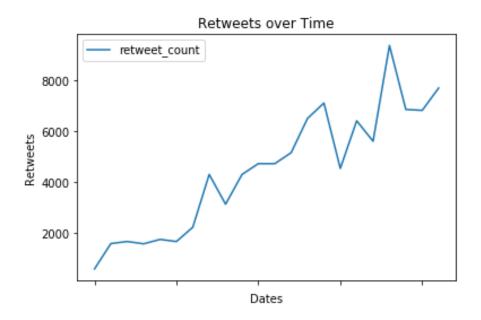
This document was created based on Twitter API data, WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

The above file was merged with extra data exported from Twitter like the retweets count and favorites count.

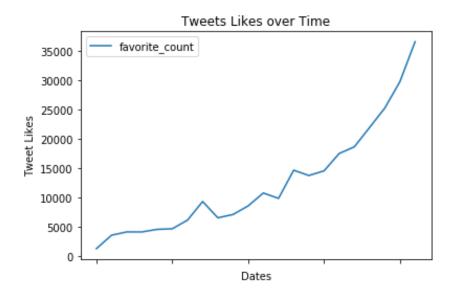
Also Image Predictions File used to predict the dog breed from the image posted in case it's a photo of a dog along with the probability of being correct prediction.

Users Interaction - Retweets and Likes

After analyzing the data for the duration between 11/2015 till 08/2017, I reached the below presentation of retweets on 'WeRateDogs'



And the favorites shown below



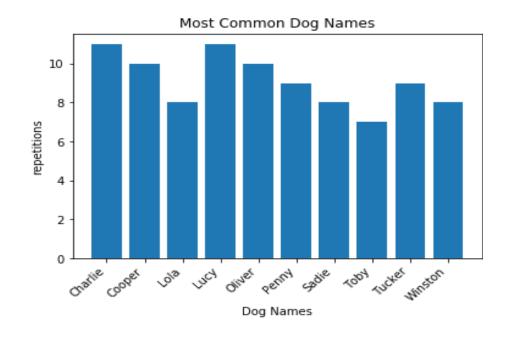
Dog Data

Names:

One of the outcomes that I was able to reach from files provided is the most common name used for the dogs. The most common names were repeated 11 times 'Charlie' and 'Lucy'

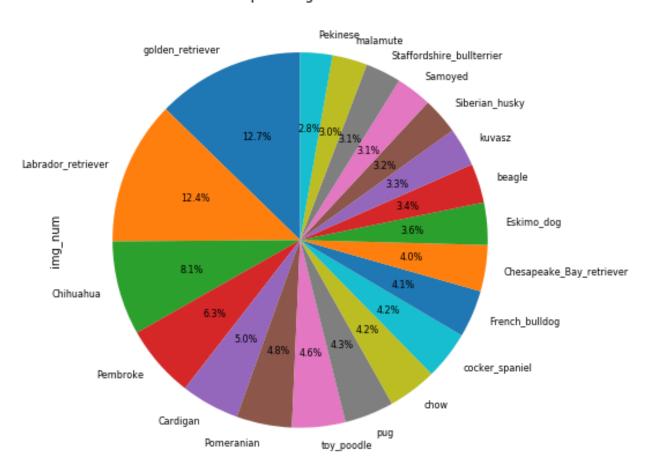
More details shown below:

Name	Repetition
Lucy	11
Charlie	11
Cooper	10
Oliver	10
Penny	9
Tucker	9
Winston	8
Lola	8
Sadie	8
Toby	7



Dog Breeds

Below is a representation of the most common 20 dog breed according to the image prediction project



Top 20 Dog Breeds

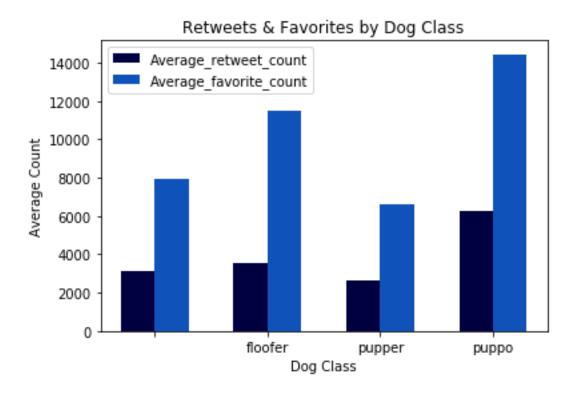
As shown in the above figure the most common breeds are

- golden_retriever
- Labrador_retriever
- Chihuahua
- Pembroke
- Cardigan

Dog Class:

In the tweets, the users classified the breeds into Dog Classes.

In the below figure, a representation of the average Retweet counts vs average Favorite count divided according the provided Dog Classes



Puppo excelled in terms of both retweets and favorites compared to the other dog classes