Analyzing and Visualizing WeRateDogs

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Introduction

Have you heard about one of the most famous meme of 2016 *"they're good dogs Brent"* and the twitter account WeRateDogs*?* Probably yes, but if not. Here I can tell you a bit about it and better than that I can show you some fun analysis of WeRateDogs tweets data.

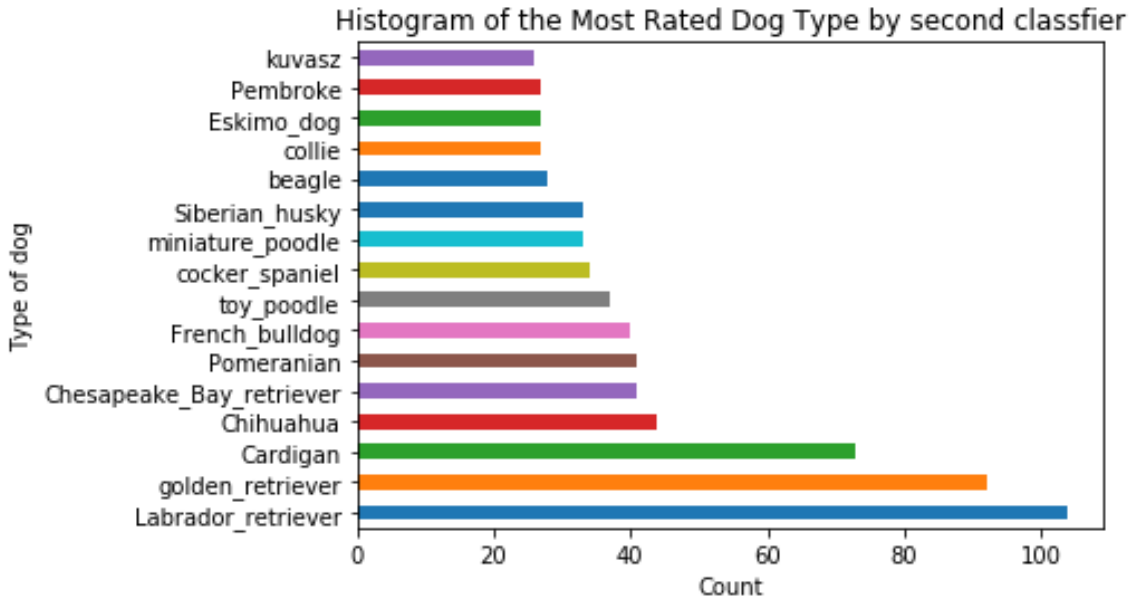
First, WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that.

WeRateDogs has over 6 million followers and has received international media coverage. One of those coverage were about the quote *"they're good dogs Brent"*, this was an exchange in which WeRateDogs shut down a person having an issue with its rating system in humorous ways.

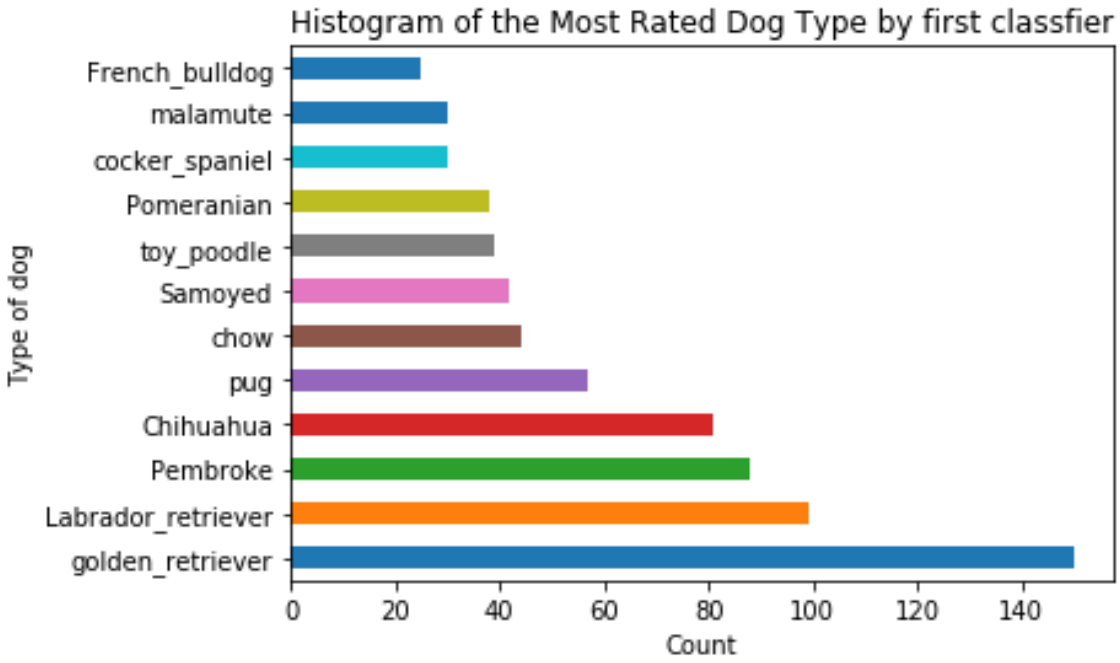
So what does this rating do? Which dog type (breed) is most common dog in the tweet dataset? What dog type has the highest average rating? These questions and more are answered in the following insights:

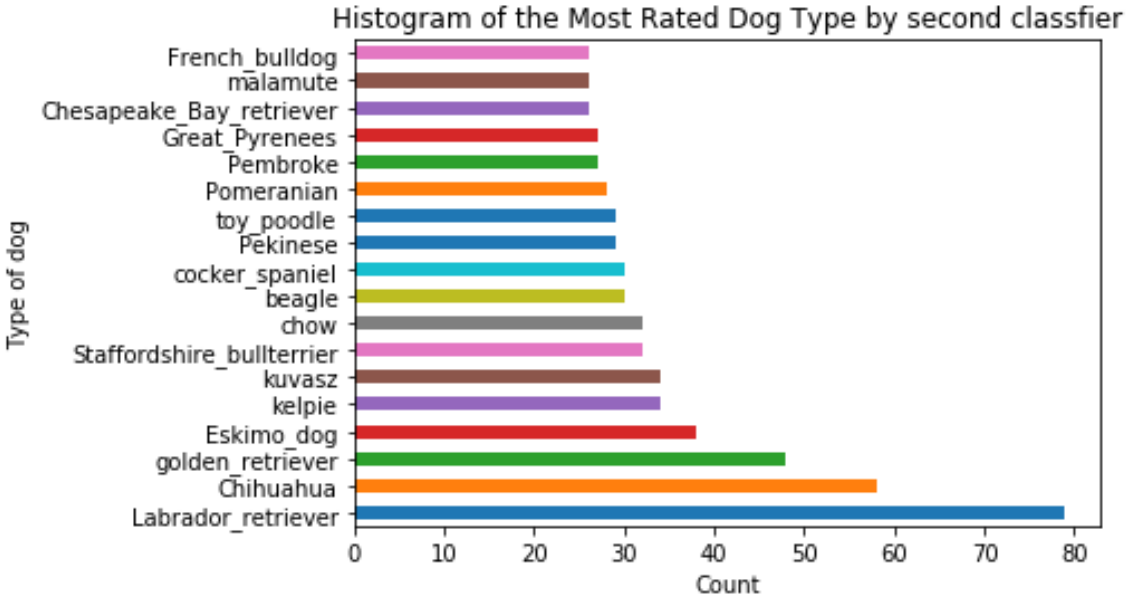
Most common dog type

WeRateDogs has over 6000+ tweets. I was able to analyzed around 1500+ tweets. The most rated dog was because we have many classifier I will show the result of each classifier alone , also we can make some adjustment or way to get an average but I think it's other aspect of this discussion



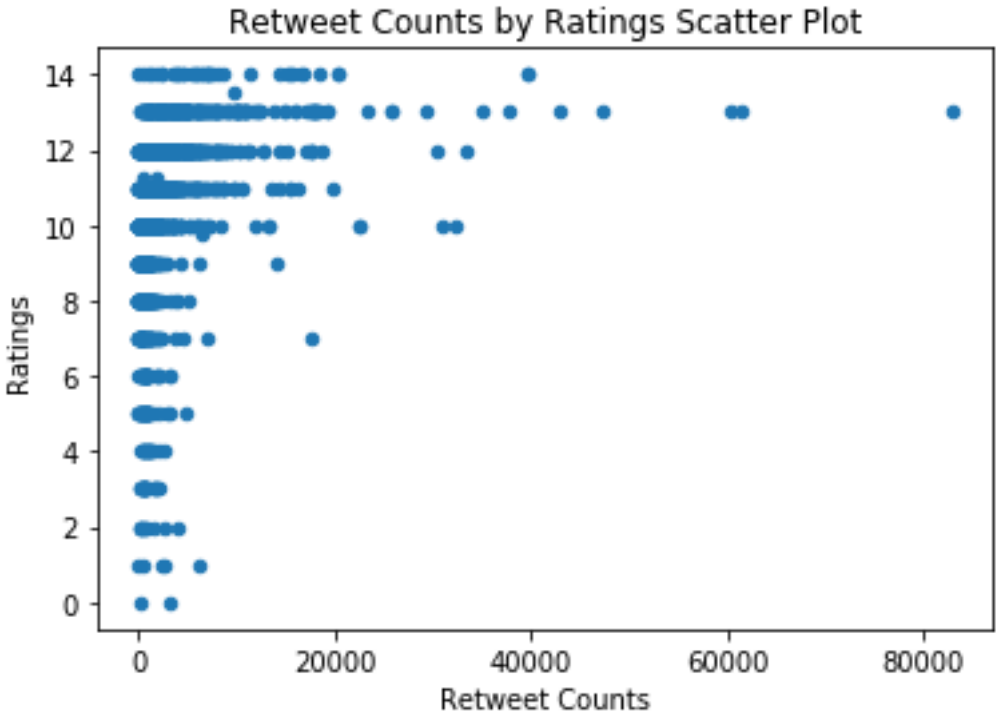
golden retriever with more than 140 ratings.


Histogram of the Most Rated Dog Type by first classfier
French_bulldog
malamute
cocker_spaniel
Pomeranian
toy_poodle
Samoyed
chow
pug
Chihuahua
Pembroke
Labrador_retriever
golden_retriever
Type of dog
0
20
40
60
80
100
120
140
Count


Histogram of the Most Rated Dog Type by second classfier
French_bulldog
malamute
Chesapeake_Bay_retriever
Great_Pyrenees
Pembroke
Pomeranian
toy_poodle
Pekinese
cocker_spaniel
beagle
chow
Staffordshire_bullterrier
kuvasz
kelpie
Eskimo_dog
golden_retriever
Chihuahua
Labrador_retriever
Type of dog
0
10
20
30
40
50
60
70
80
Count

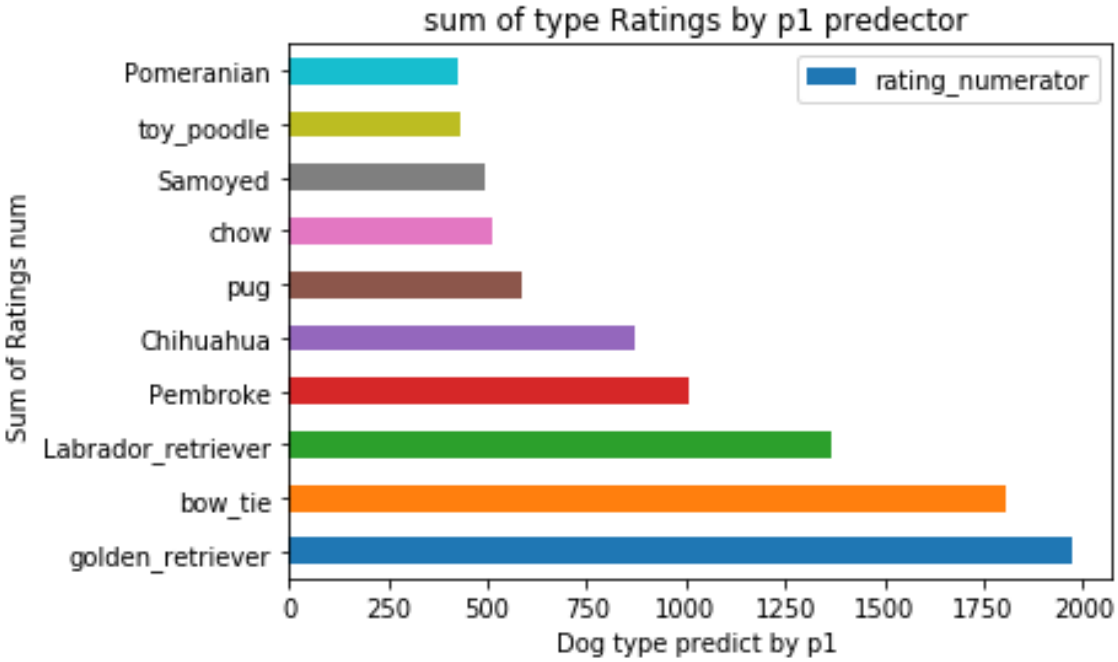
Retweet counts

Amazingly many tweets have been retweeted more than 1000 times some more than even 50000 times. There is not a clear relationship between the ratings and the retweets.

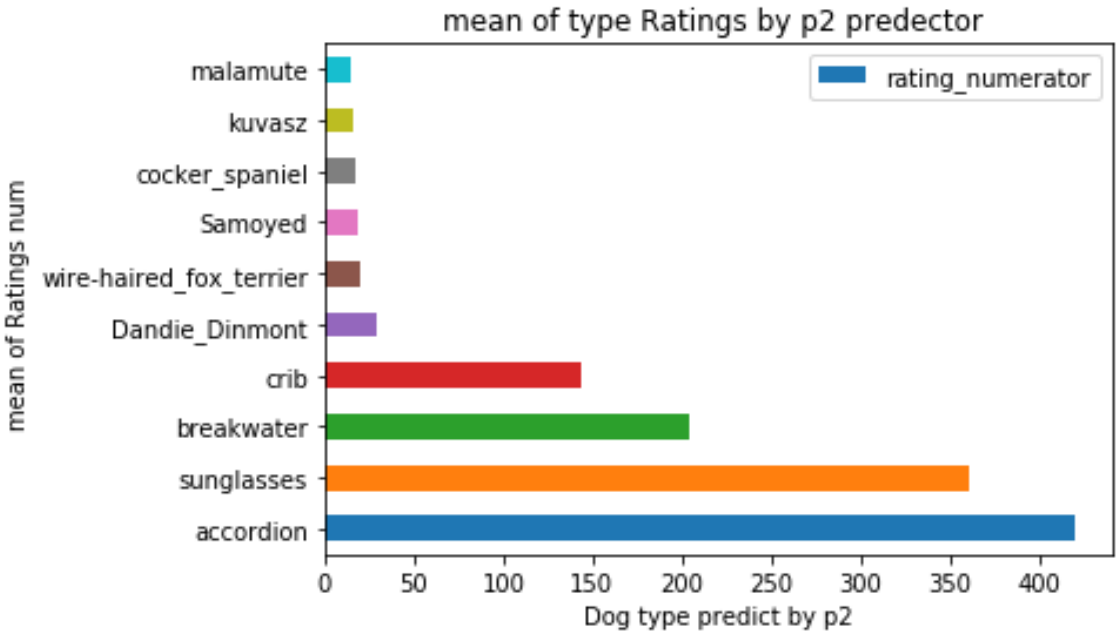


Retweet counts

Here we can shows who got the most rating point (sum of the numerator of rating) and reagading each classifier we can give another estmate of how is the most loved dog type in our data set only by looking to the sum of the rating and because of we have a three classifier we can only for the first model and we can see the Golden Retriever is the most lovely breed.



When we need to get a view of the averages we see here



References :

Ruby Villacorta : https://github.com/latinacode/

https://matplotlib.org/users/pyplot_tutorial.html