

WeRateDogs, Finds out which are most favored dog types.

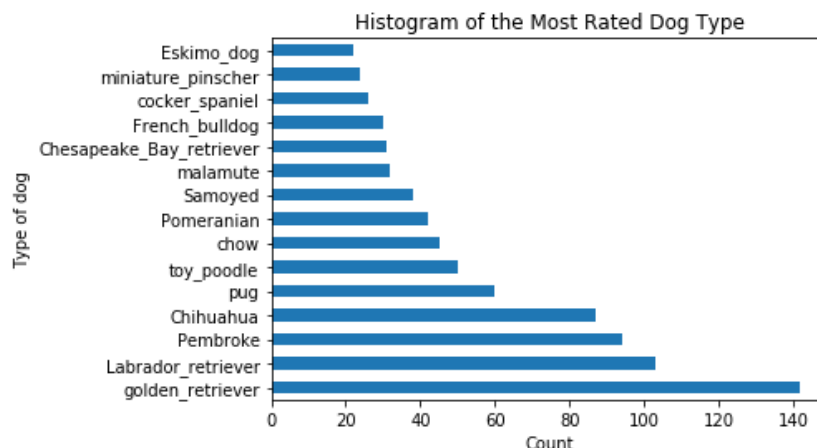
WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student Matt Nelson, and has received international media attention for its popularity. WeRateDogs asks people to send photos of their dogs, then tweets selected photos rating and a humorous comment. Dogs are rated on a scale of one to ten, but are invariably given ratings in excess of the maximum, such as "13/10". Check this twitter page for more [information](#)



In this project I have analyzed the WerateDogs twitter archives to figure out the favorite dog types and their ratings. The original data was not enough for analysis so additional twitter crawling and image prediction results by neural network model were used.

Most rated dog type

I have first observed the what are most rated dog by counting the number of ratings by the species. The top 15 dogs are shown below. Golden Retriever was the dog type that were most rated followed by Labrador retriever and Pembroke.



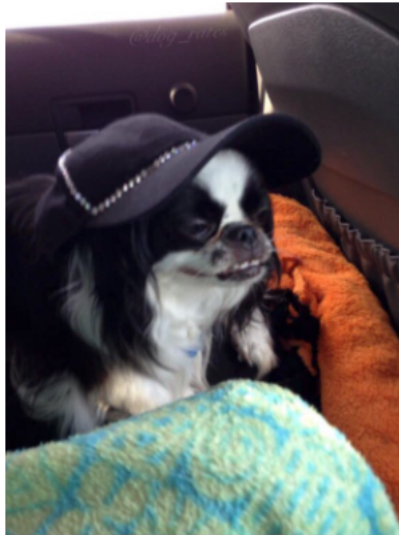
The dog type with highest rating & worst rating

After then I have checked which type of dog got the highest ratings. This was Bouvier_des_Flandres but it turned out that this is only once that the dog appeared in the dataset. I have also checked worst rated dog. This was Japanese_spaniel however, this also appered only one time in this dataset. So in the next step I have checked the ratings vs. number of ratings to see real popular dog with both measure.

This is Bouvier_des_Flandres! Top rated dog type!



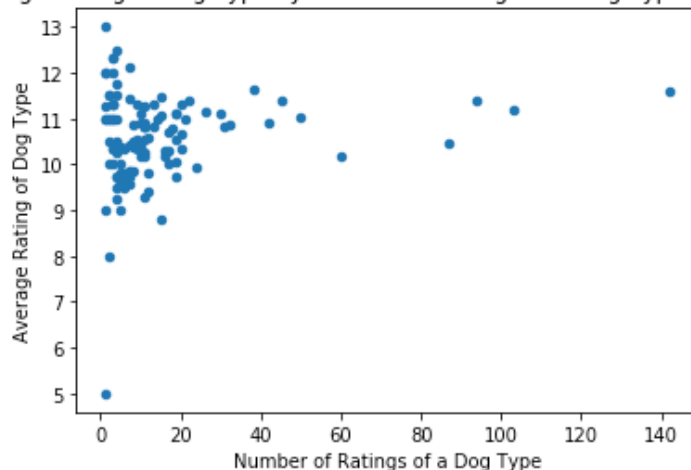
This is Japanese_spaniel which got worst rating



Dog type Ratings vs Rating Count

While golden retriever got most number of ratings,it was not top rated dog type. So here I will check both counting and rating.

Average Rating of Dog Type by Number of Ratings of a Dog Type Scatter Plot

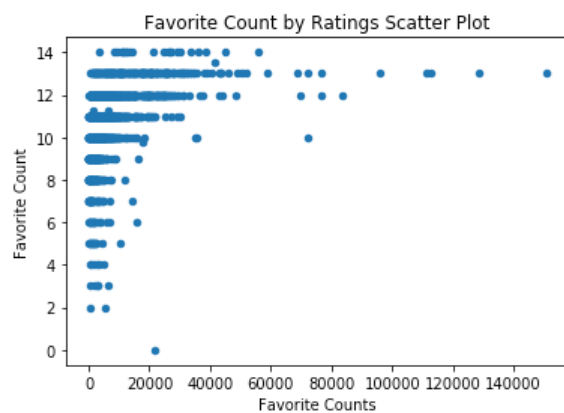
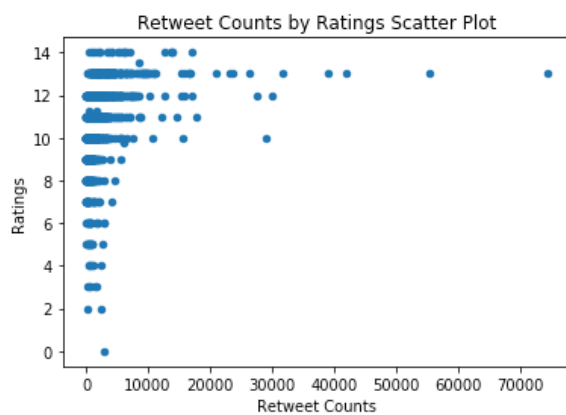


Golden Retriever lies on top right corner which represent it is favored dog type the by large number



Retweet counts & Favorite counts vs Ratings.

Here I checked the relationship for retweet counts vs. ratings and Favorite count vs Ratings. As expected, high retweet counts and high Favorite counts got high ratings.



Here I also checked which dog got the highest number of retweets and favorite counts. See the results by this pic. Yes! It is the same dog!

The most retweeted dog!



The dog with most favorite count! Yes, This is the same dog above!



Ratings by Dog Stages

While we didn't have enough labels for each dog stages , I was just curious when is the most loved/favored stage for dogs. **Be aware that this is a biased result!** Here I have large samples for pupper and very low number for others. But let's just check for average ratings for each dog stages just for fun! It seems dog stage doesn't seems to be have impact on ratings. Slightly low average on pupper would be just effect of samples of large number.

