

**WeRateDogs** is a hilarious twitter account that rates dogs by asking people to send photos of their dogs, then tweets selected photos rating with an amusing comment. The dogs are rated on a **scale of one to ten**, where many of them with higher rating than 10. Here is just a couple of tweets to show you what you're missing out on:

 **WeRateDogs™**  @dog\_rates · Nov 18  
This is Knox. He had a really good day. Learned that outside isn't that scary after all. 12/10 would compliment his perfectly toasted ears



 **WeRateDogs™**  @dog\_rates · Dec 2  
This is Jonathan XIV. He's the official mascot of UConn. Takes his job very seriously. Nibbles the opponent when he gets nervous. 14/10 really hopes both teams have fun #VWeek

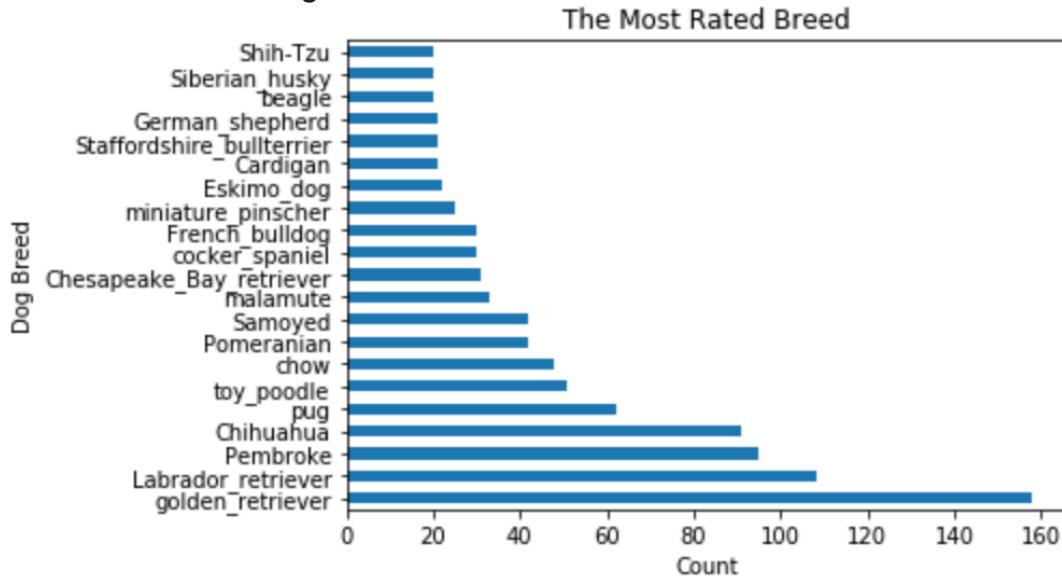


Jonathan the XIV, UConn Women's Hoops and The V Foundation

After having obtained the data from various resources, assessment and cleaning of the data was required for analysis.

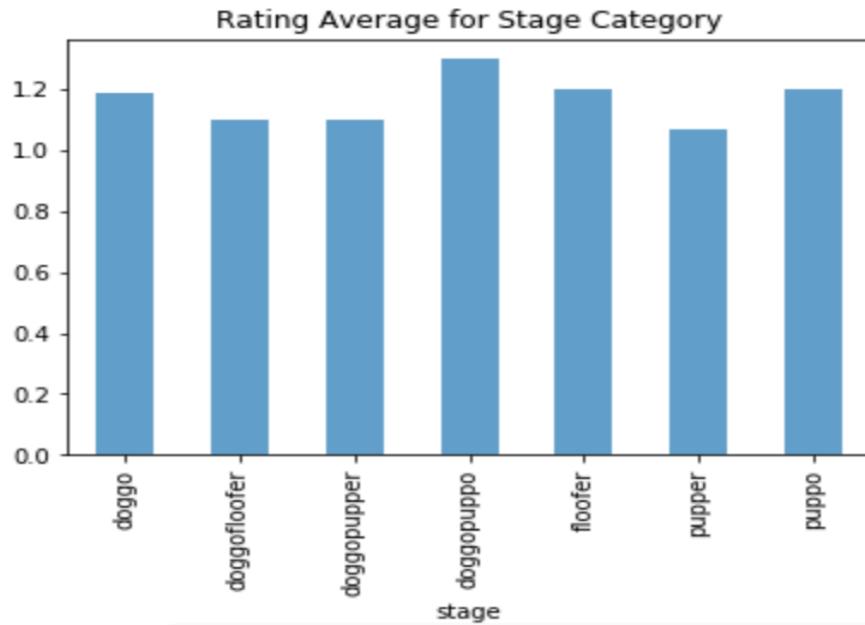
I inquired a few questions for my analysis. This includes:

- **What breed of dog is most rated?**



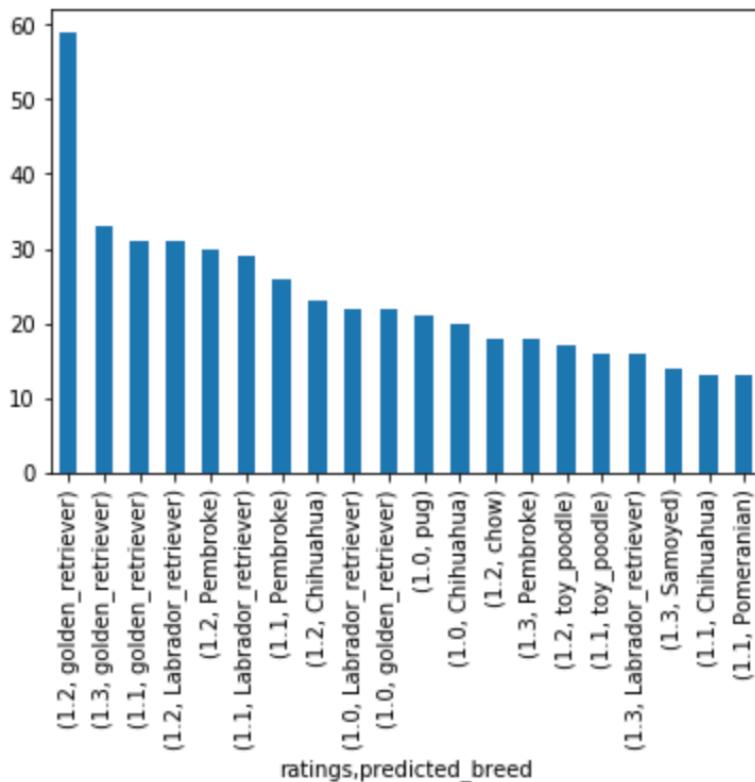
A golden retriever was the most breed to be tweeted with over 150 counts. This is followed by Labrador retriever and Pembroke.

- **At what stage is the dog highly rated?**



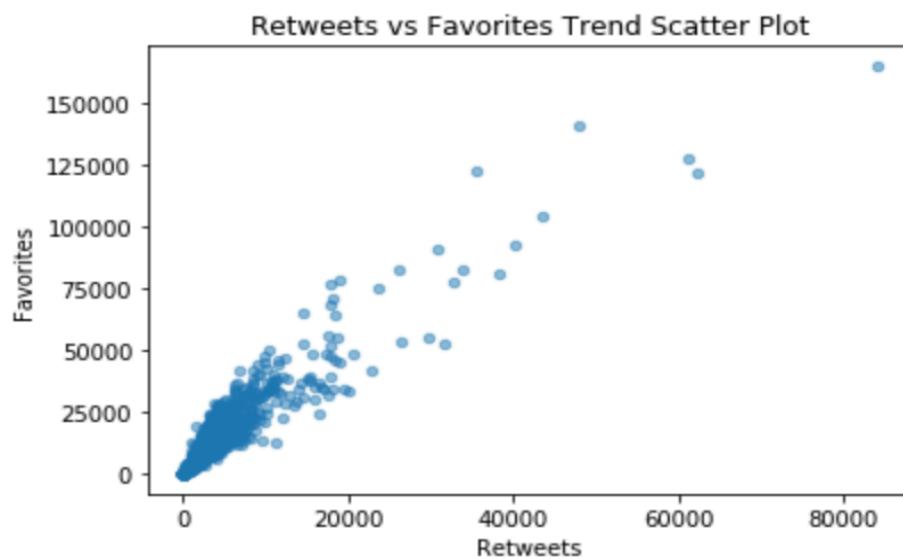
Now we can see that the dog at the “doggopuppo” stage has on average the highest rating of over 1.3, followed by doggo and floofier.

- Breeds of dogs in the top 20 that were highly rated



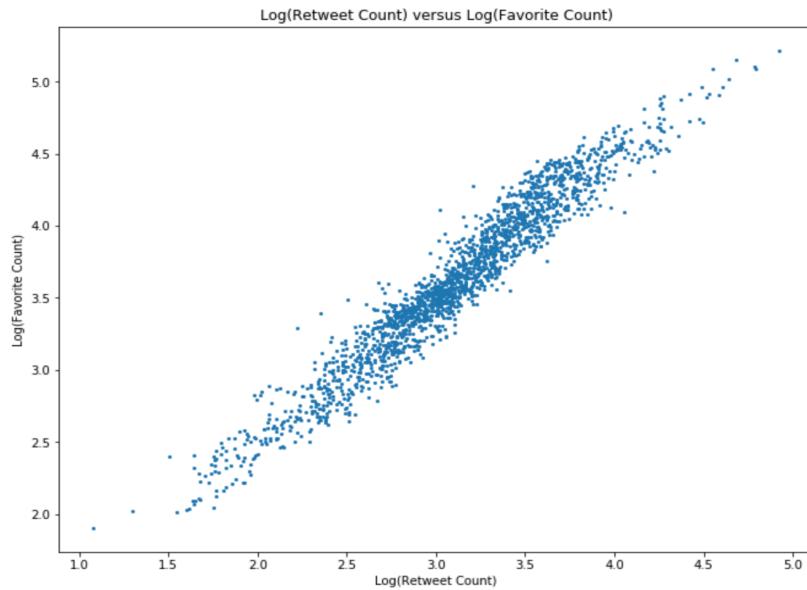
Now the results aren't that surprising. Since there were high counts of tweets of golden retriever we would also expect a high count here as well. However it seems to also have a high rating, as well as Pembroke, Labrador retriever and Samoyed. Nonetheless, tweets of golden retrievers with a high rating have the highest count.

- The relationship between `retweet_count` and `favorite_count`



There seems to be a positive relationship between retweets and favorites. But let's take a closer look to make sure.

- Now looking at the log of the relationship



As we can see from the first scatter plot and verified by the second, there is a very strong positive correlation between the number of retweets and favorites. The more retweets the tweets get, the more likely it will also get favorited. This makes sense since retweeting would increase exposure of the image, more people would get to see it and hence like the image.

It seems that golden retrievers are everyone's all-time favorite breed. Can you blame them?

