

Who is Top Dog?

Blog post by Paul Stancliffe

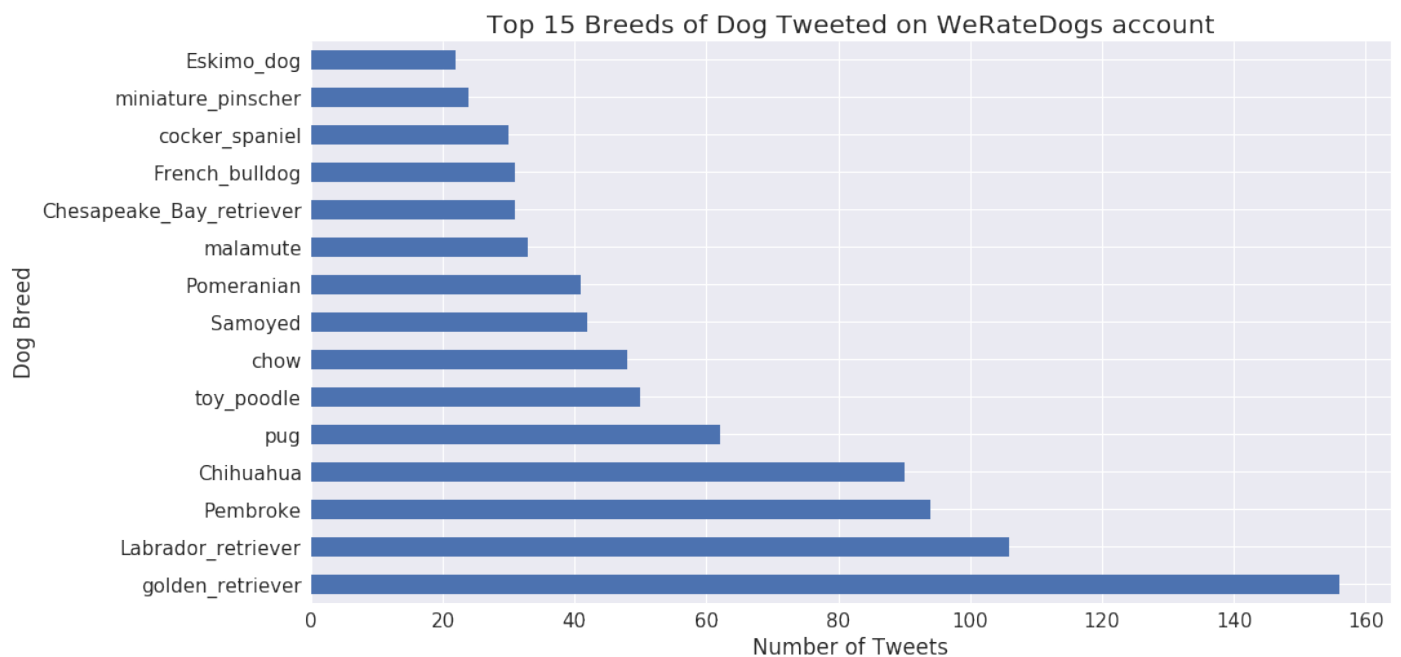
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Family pressure to introduce a further member of the four-legged variety to our already crowded household, led to some investigation with data from the famous We Rate Dogs twitter site as to which breed of dog would be the most suitable.

“WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. It was started in 2015 by college student Matt Nelson and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter.”, from Wikipedia. As of December 2017, the Twitter account has nearly 4.56 million followers.

The data, which was made available to me by Udacity as part of my Data Analyst Nanodegree program only included tweets up to August 1st, 2017 and were then filtered to remove retweets, tweets with dog breed missing and tweets where there was no image. The final usable dataset contained 1666 observations.

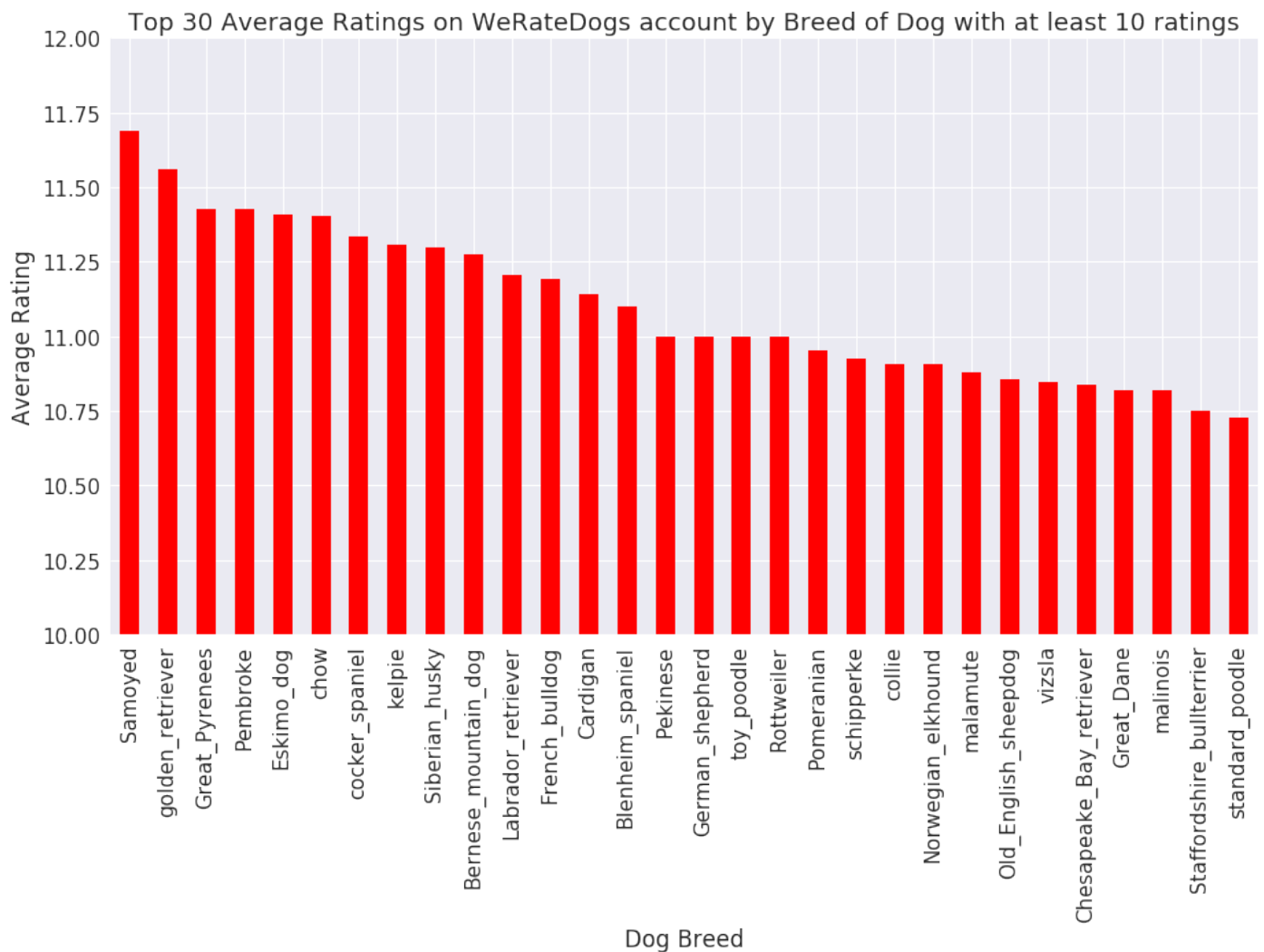
Question 1: ***Which breeds are the most tweeted about?***



We can see the top five tweeted dogs in order are Golden Retriever, Labrador Retriever, Pembroke Welsh Corgi, Chihuahua and Pug.

With the Golden Retriever receiving substantially more tweets at 156 than the other breeds.

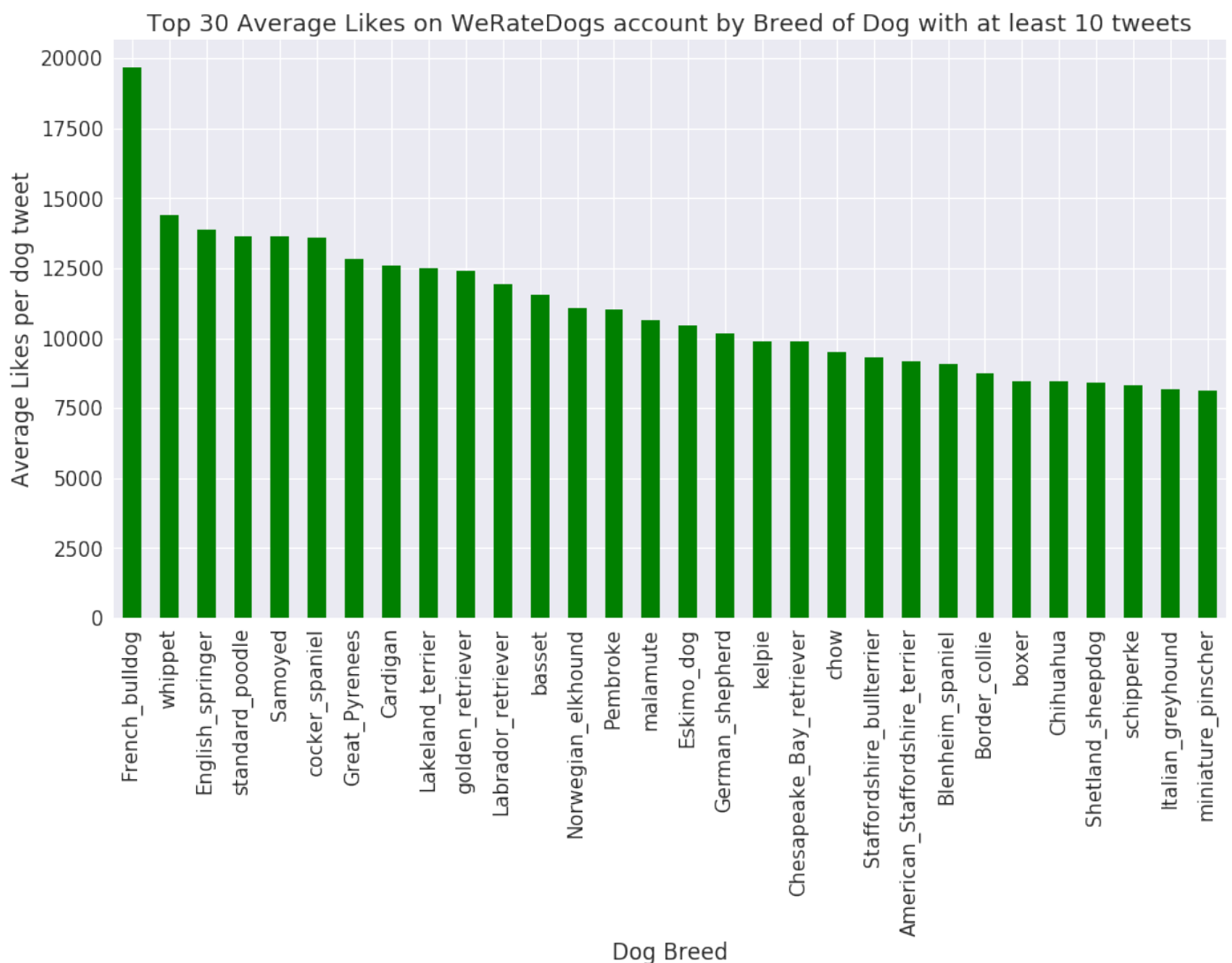
Question 2: ***Which breed on average have the highest rating?***



The breeds in this chart had to have at least 10 ratings to make it to the analysis. As you can see the most popular voted breeds were Samoyed with an average rating of 11.69, followed by Golden Retriever on 11.56, and then Great Pyrenees 11.43, Pembroke Welsh Corgi 11.42 and Eskimo Dog on 11.41.

The Golden Retriever and Pembroke Welsh Corgi appear on both our lists so far.

Question 3: *Which breed on average receives the most likes?*



So the French Bulldog is clearly the dog most liked per tweet with 19,694 likes per tweet. Obviously very cute to get so many likes!

Also, in the top 10 are Samoyed (13,625 likes/tweet), Great Pyrenees (12,834 likes/tweet) and Golden Retriever (12,402 likes/tweet), and at number 11 is the Labrador Retriever (11,922 likes/tweet) and number 14 the Pembroke Welsh Corgi (11,040 likes/tweet) from our previous 2 visualizations.

As for that additional family member, I don't know, but the following breeds of dog seem a good place to start for further research into the practical aspects of having a dog in the family such as costs, pedigree, availability, caring needs and whether my family has empathy for the breed and animal in particular.

Golden Retriever, French Bulldog, Pembroke Welsh Corgi, Samoyed, and Great Pyrenees.

But who is Top Dog? Goes to the **French Bulldog** with most likes per tweet as voted by the community.