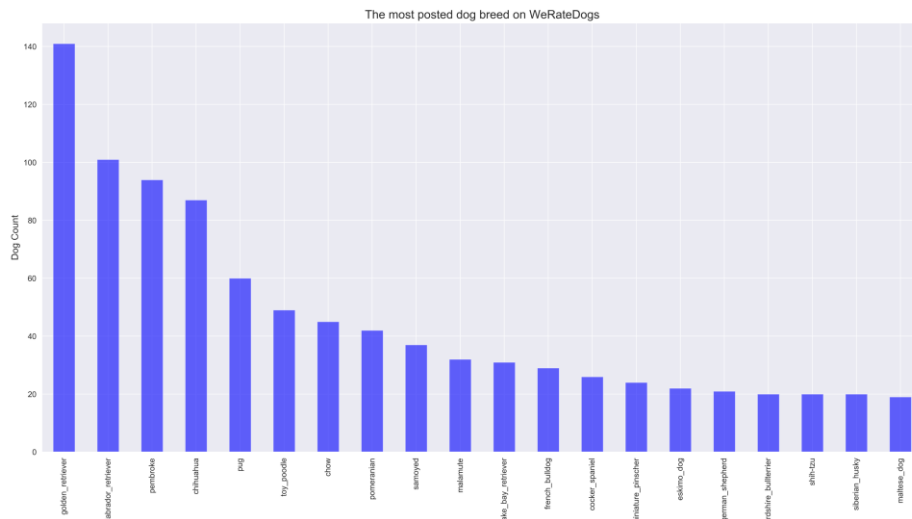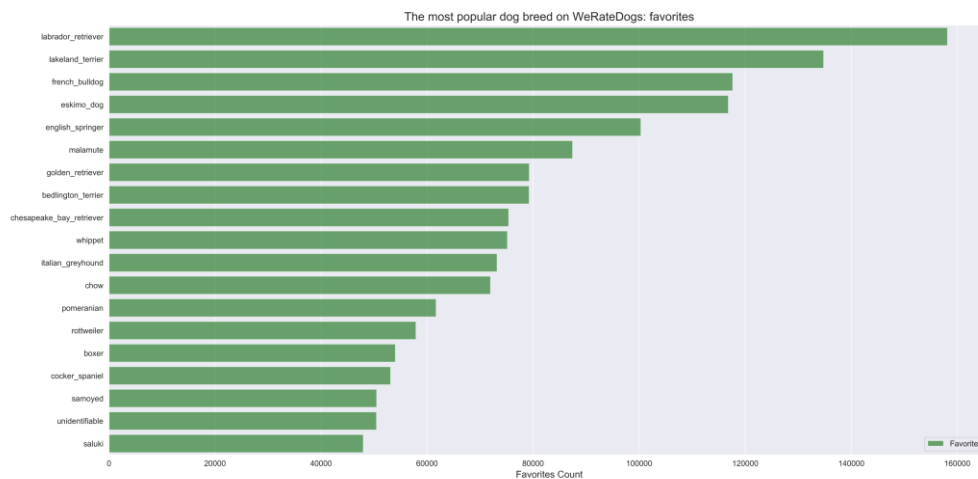WeRateDogs twitter profile has actually 8.6 million of followers. This popular profile rates people's dogs with a humorous comment about the dog. Thus, each tweet posted has a photo, sometimes more than one, with a fun text that has the dog's rating.
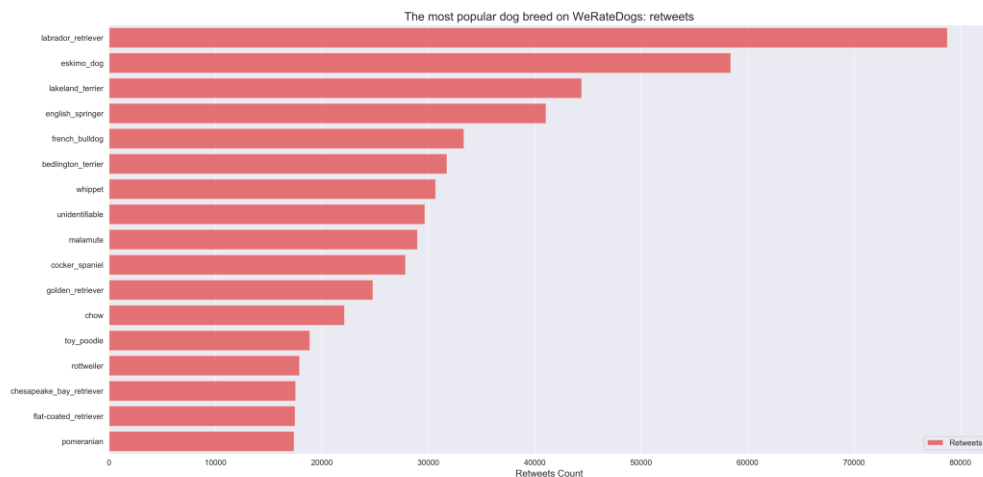
In this project we analyzed WeRateDogs tweet list, containing the tweet_id, the text, date and time, the breeds of dogs (image predictions), the dogs rating, the count of favorites and retweets for each tweet. We got the following insights:
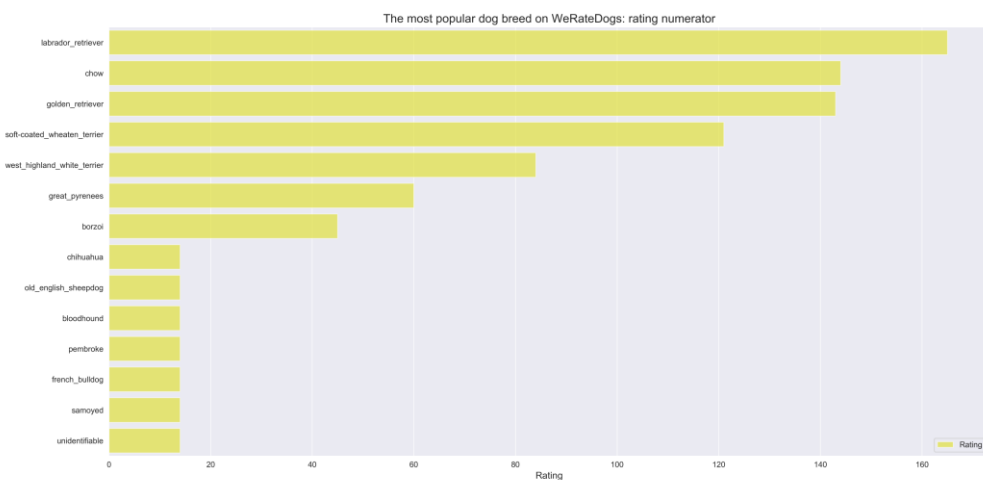

Golden retriever is the most posted dog breed on WeRateDog. Followed by labrador retriever, pembroke, chihuahua, pug, etc.
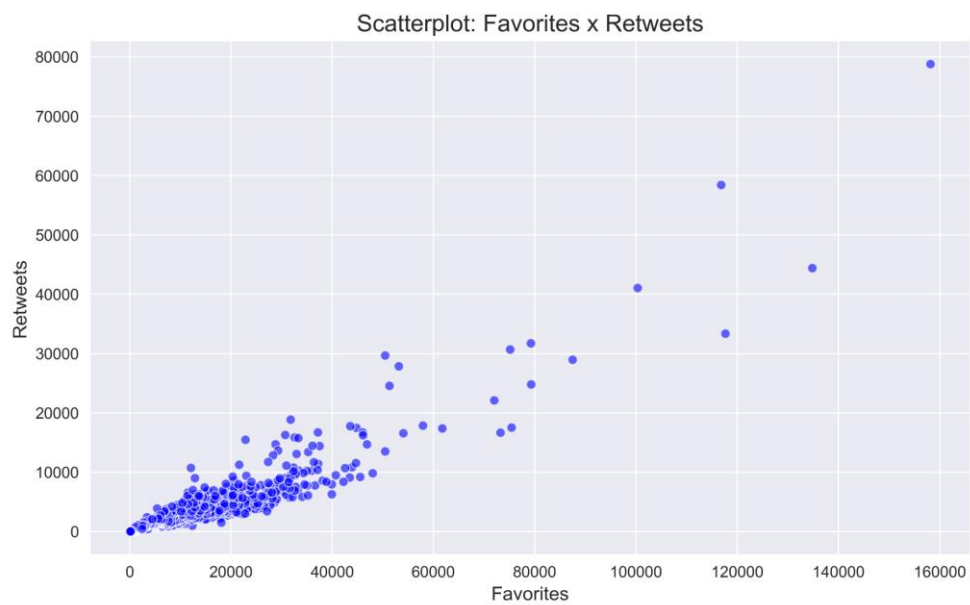

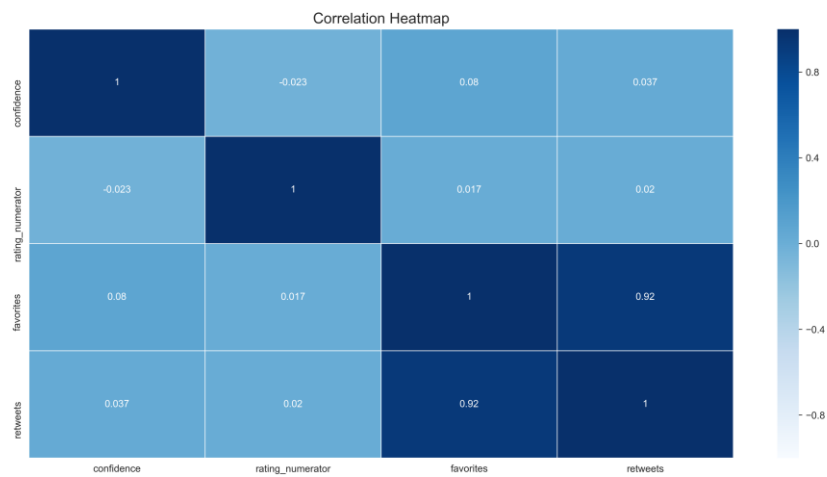When we search for the tweet that has the largest number of favorites, we find one with a photo of a labrador retriever that has more than 158,000 favs. The labrador retriever is WeRateDogs' most popular dog breed in counting the number of favorites. The list goes on with lakeland terrier (134,811 favs), french bulldog (117,666 favs), eskimo dog (116,821 favs), english springer (100,328 favs), etc.
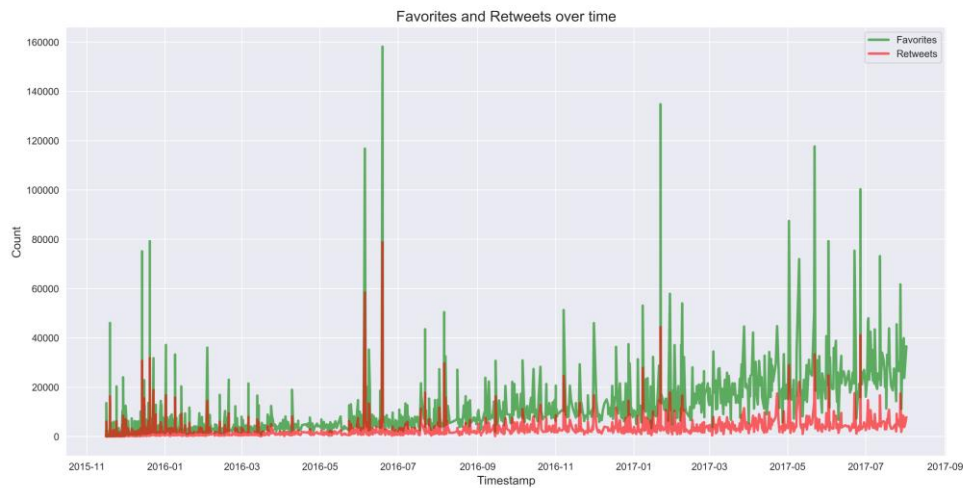
The most popular dog breed on WeRateDogs: retweets

When we consider the number of retweets, we arrive at a tweet of a labrador retriever with 78,786 RTs.The labrador retriever is not only the most popular breed of dog in WeRateDogs when counting favorites, it is also the most popular in the number of retweets. The same tweet (744234799360020481) received the highest number of favs and highest number of RTs. Followed by eskimo dog (58,422 RTs), lakeland terrier (44,412 RTs), english springer (41,068 RTs), french bulldog (33,352 RTs), etc.

The most popular dog breed on WeRateDogs: rating numerator

When the criterion is the rating, labrador retriever is the breed of dog that has the highest grade. This highest-rated tweet was posted with a single photo and surpassed others tweets with more photos. The labrador retriever is the big winner in popularity on WeRateDogs. The list goes on with chow, golden retriver, soft coated wheaten terrier, (another) golden retriever, etc. No tweets that were present in the previous lists (favorites and retweets) appear here.

Correlation Heatmap

Scatterplot: Favorites x Retweets

Through the heatmap graph we identified that the favorites and retweets variables have the highest positive correlation of the dataframe (0.92). The scatterplot confirms the correlation.

Favorites and Retweets over time

We can observe the evolution of favs and RTs over time. As the WeRateDogs account grew and became popular on Twitter, the number of favs and RTs accompanies the organic growth. Favs and RTs have a strong correlation, we can observe that the tweet with the highest number of favs is also the one with the highest number of RTs.

Although Twitter's strength is real-time, one popular tweet remains strong on the social network, attracting favs and RTs over time.