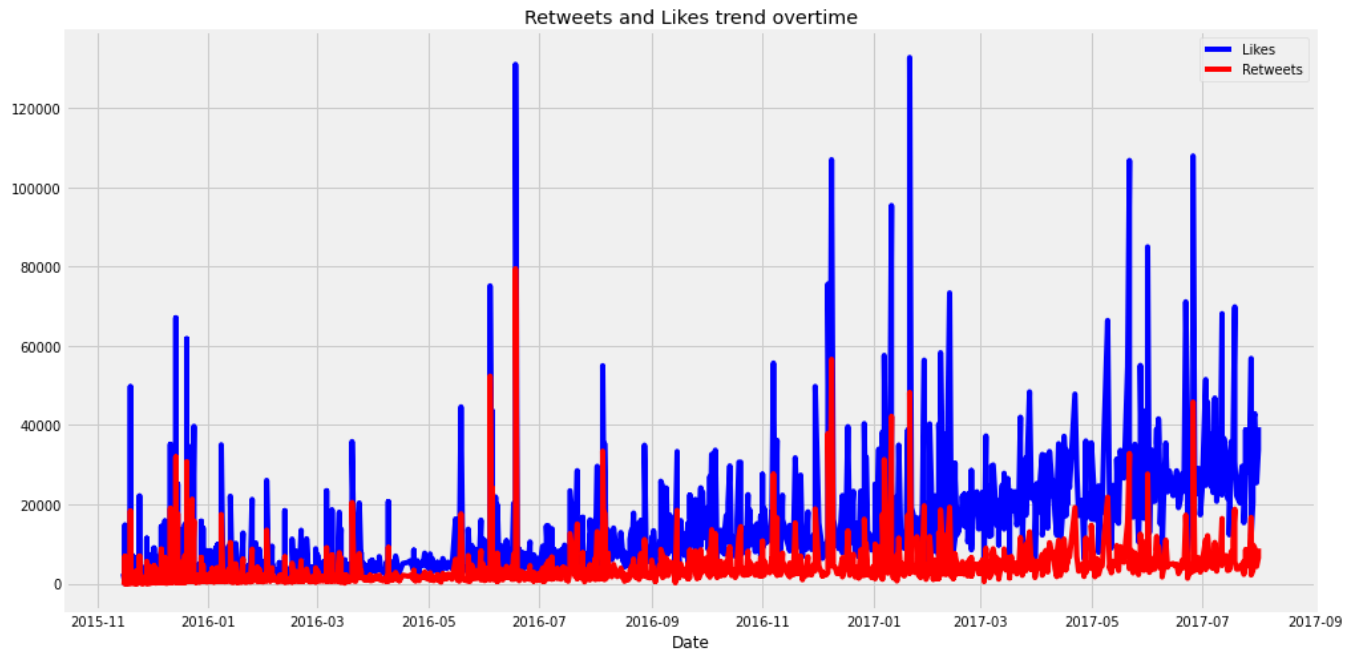


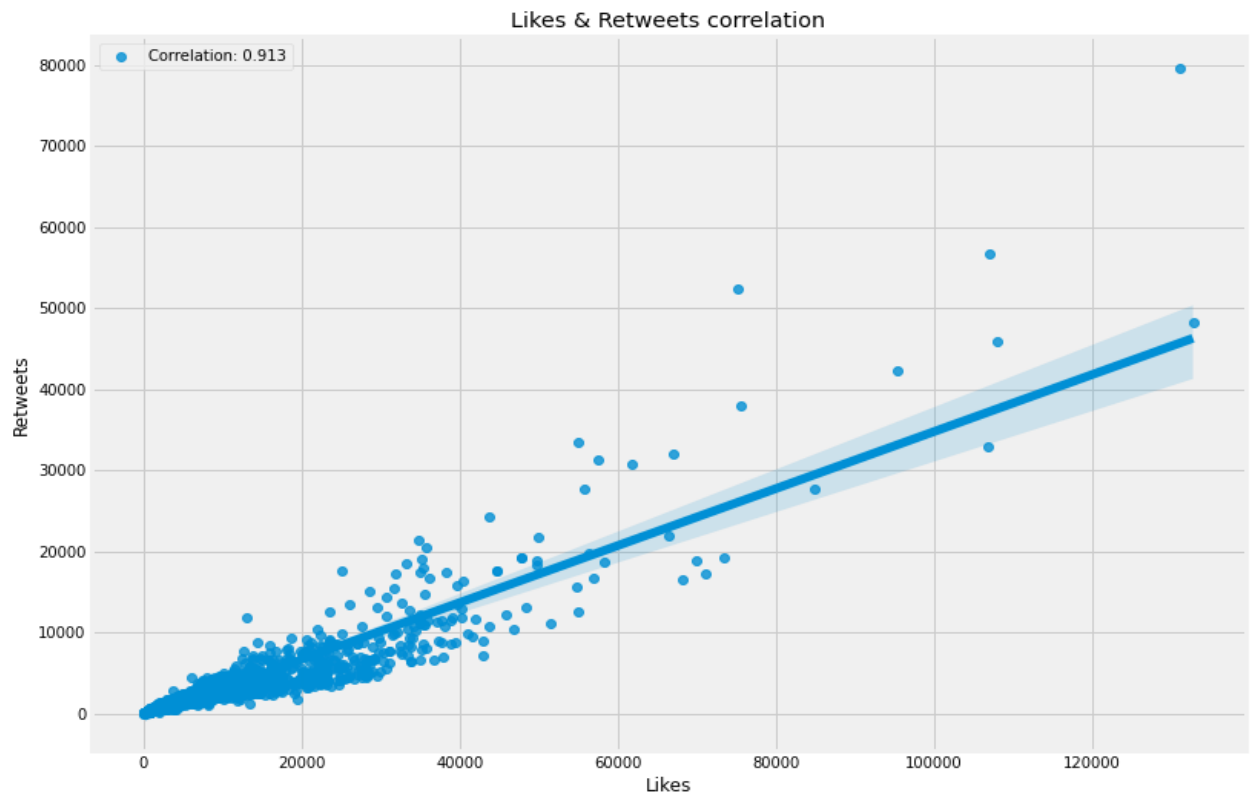
Data visualization report

- Trend of likes and retweets overtime



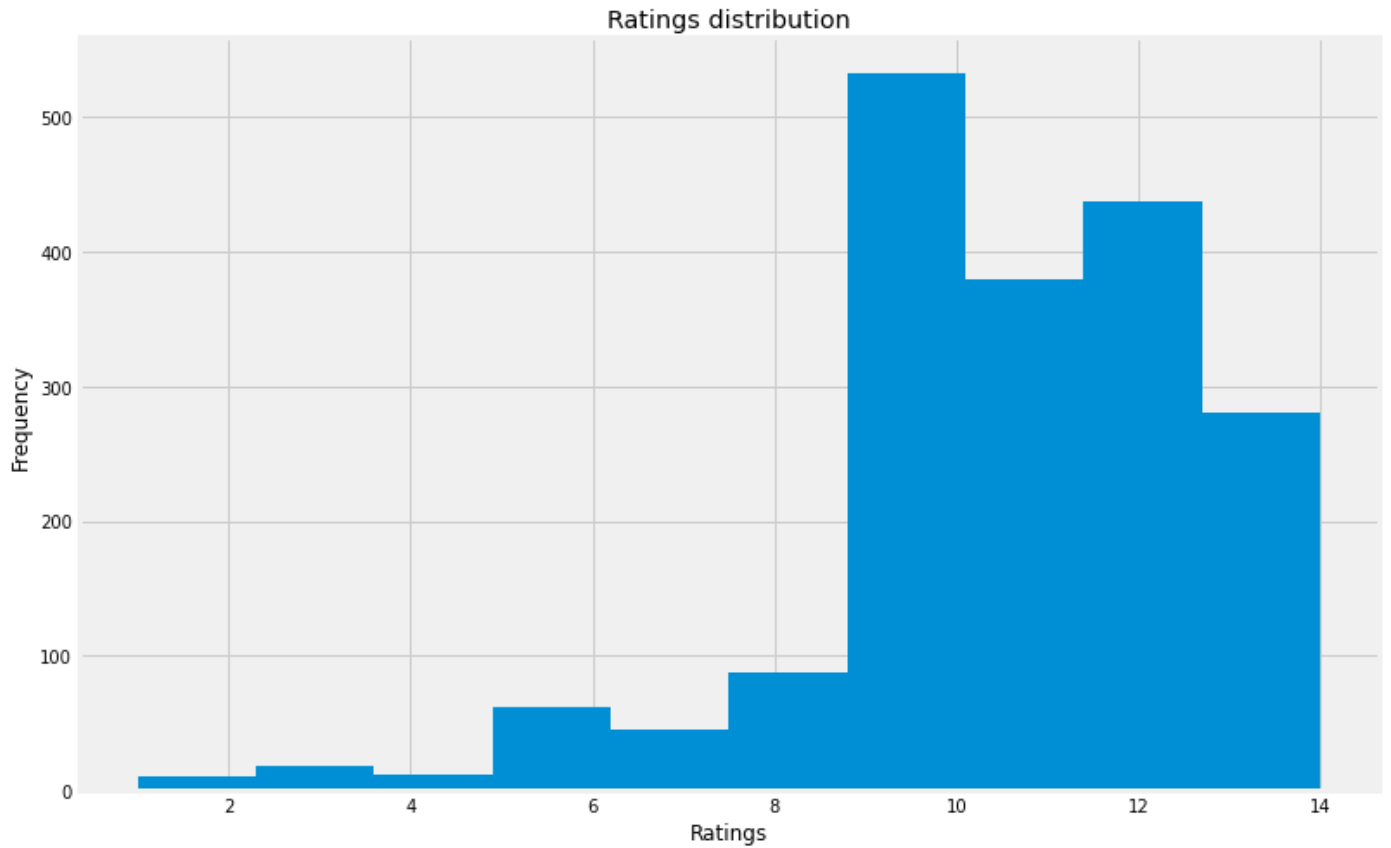
Over time, there are consistently more likes on tweets than retweets. However, likes and retweets frequently go hand in hand since as the number of likes increases, so does the number of retweets. I will create a regression plot to assess whether there is a positive or negative correlation between the two features, i.e., whether they are positive or negative.

- Confirming the correlation between Likes and retweets overtime



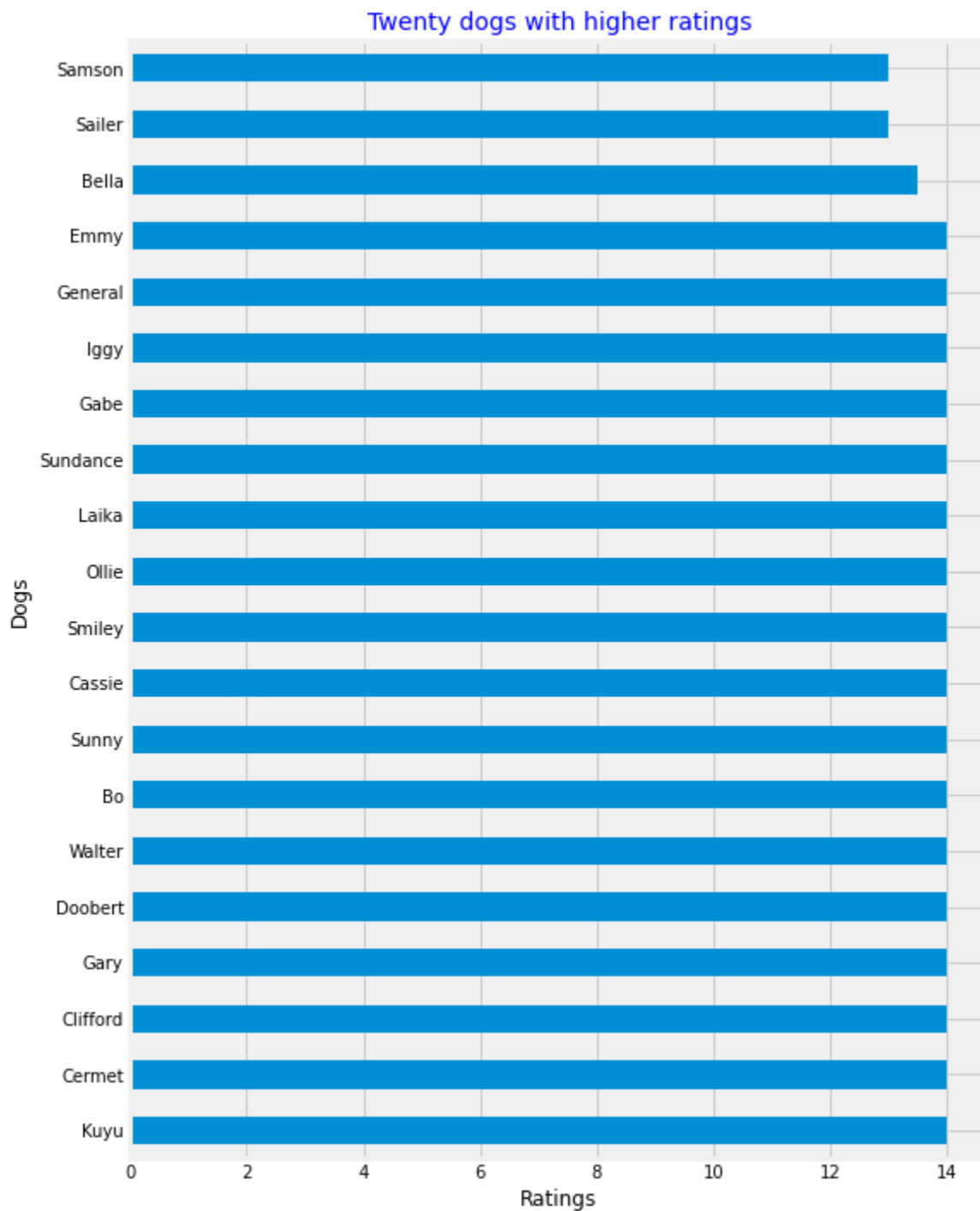
This plot confirms the correlation between the number of tweet likes and retweets. As the number of retweets goes up, the number of likes also increases drastically. It is safe to conclude that both the dog's tweet likes and retweets have a positive correlation with a 91% confidence interval.

- Ratings distribution



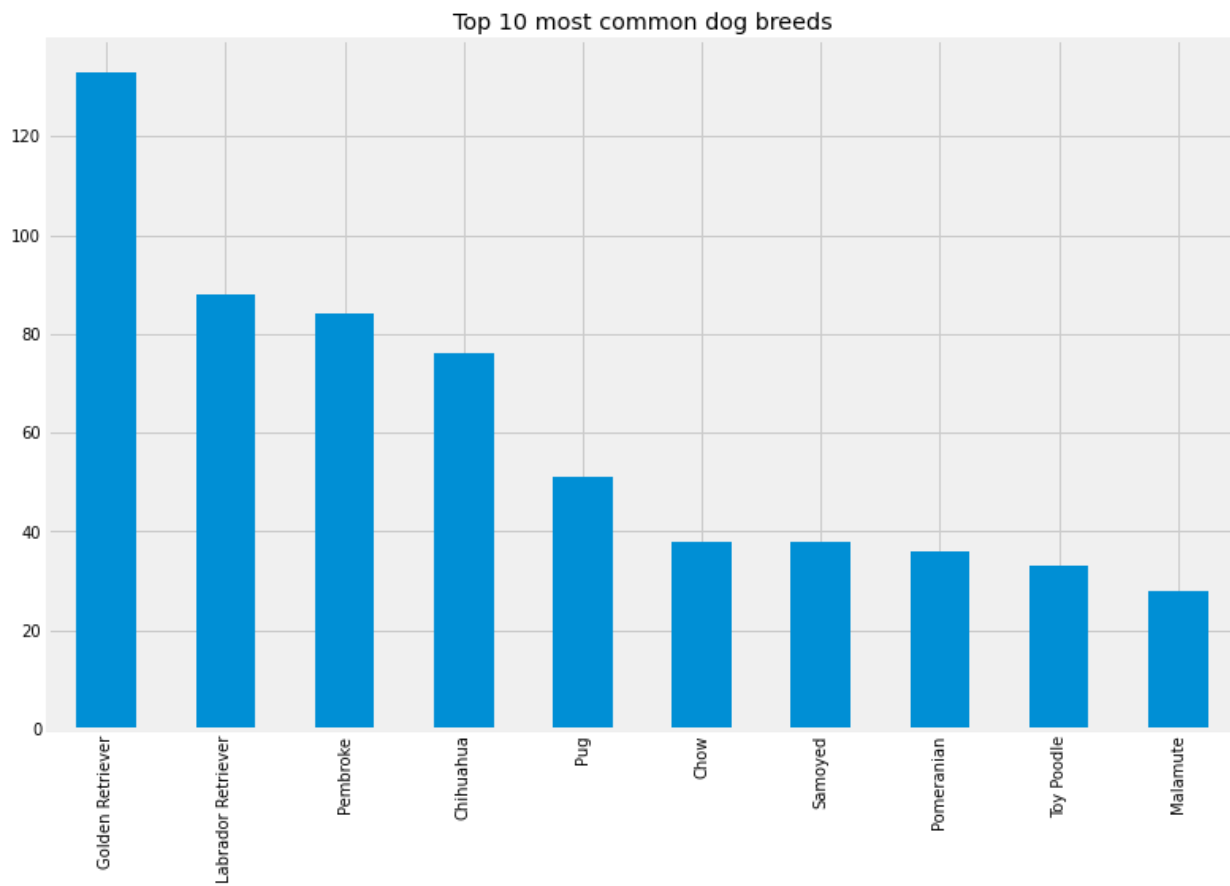
The plotted distribution shows the skewedness of the dogs' ratings. Most ratings given to different dog breeds fall between the range of 10 and 14. Since most dogs rated by WeRateDogs are good dogs.

- Dogs with highest ratings

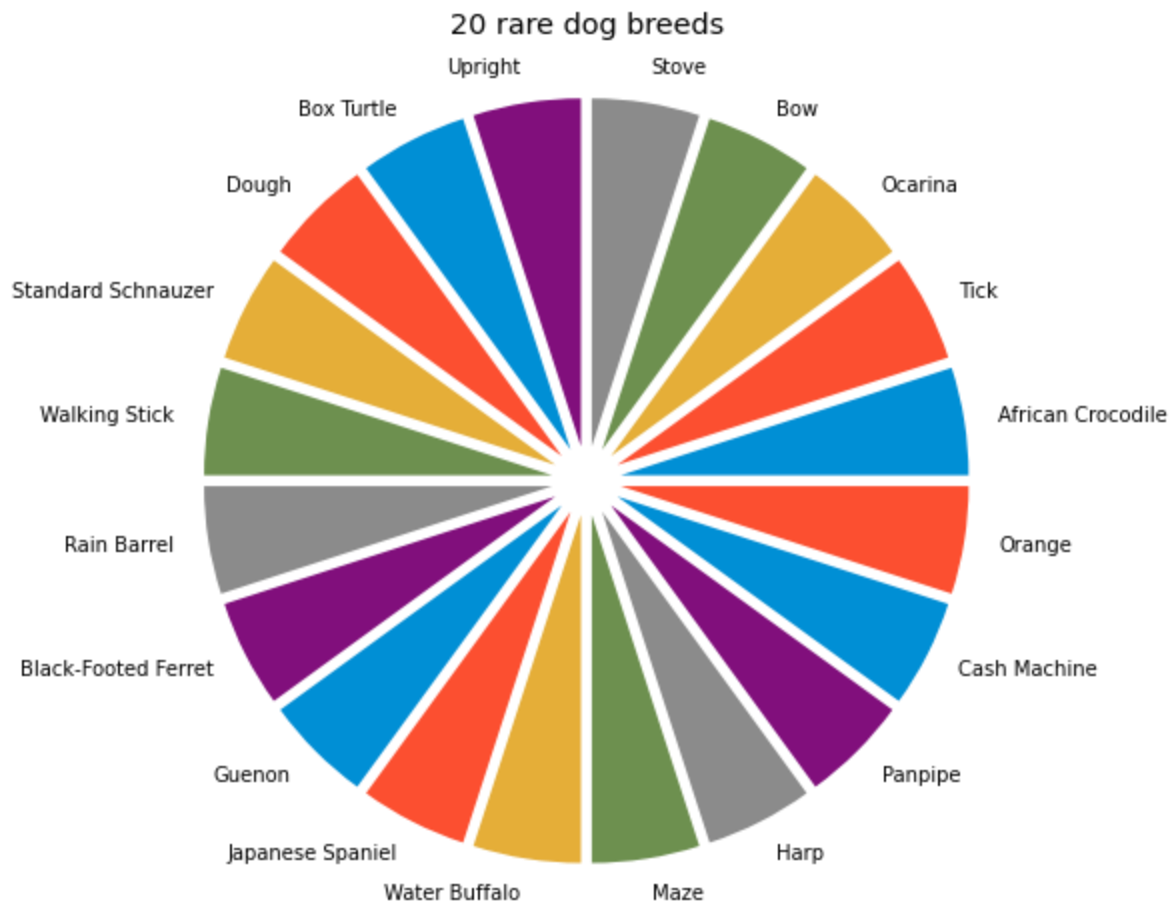


The above graph shows the most rated dogs. It is clear that dogs named Kuyu, Cermet, Clifford, Gary, Doobert, Walter, Bo and 10 others are the most rated dogs by the WeRateDog twitter account.

- Most common dog breed posted by WeRateDog



The most common tweeted and rated dog breeds by WeRateDogs are Golden Retriever, Labrador Retriever, Pembroke, Chihuahua, etc., with good quality and high ratings.



The above visual shows the most rarely tweeted dog breeds with the same equal interval, e.g., orange, Cash Machine, Standard Schnauzer, Walking Stick, Black Footed Ferret, etc.,

- The most like dog tweet



Out of all the most tweeted dogs by WeRateDogs, this little cute dog has the highest number of likes on Twitter with a count of 131,075.

- The most retweeted dog



The image above shows a dog with the agility and flexibility capacity to swim under water. This dog is the most retweeted dog out of all dogs posted by WeRateDogs with a count of 79,515.