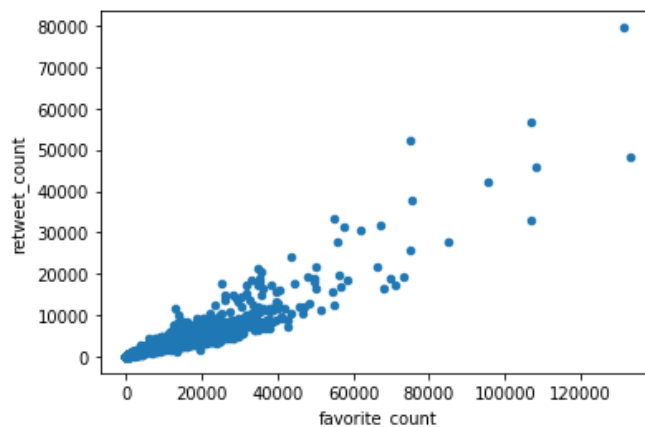


Visualization and Insights

WeRateDogs is a Twitter page that regularly shares pictures of dogs along with a catchy description and often a rating out of 10 for the dog in the picture, the account rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10.

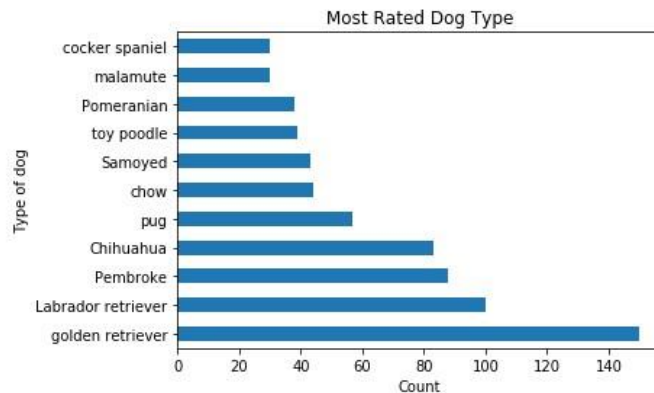
The numerators however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that sometimes exceeds 10. It is Created in November 2015, it became popular so fast and at this moment has more than 8 million followers. In this analysis, there was an exploration for changes in the tweets' favorites, retweets, and ratings over time.

Relation between number of favorites and number of retweets is represented in the following figure,



This scatter plot shows the proportionality between the retweet count and the favorite count to be directly proportional, as the number of retweets increase, number of likes increase.

The most rated types of dogs



We can also deduce from the insights done that the most common dog type is the Golden retriever which has been repeated 150 times and then is the Labrador retriever which has been repeated 100 times and we have managed to get this information using the `value_counts()` function.

What is the type of dogs that had the lowest rating?

After calculating the mean value for the dog ratings, the Japanese spaniel has the lowest average rating, and we deduced that by calculating the mean average of ratings then sorting them using `sort()` function.