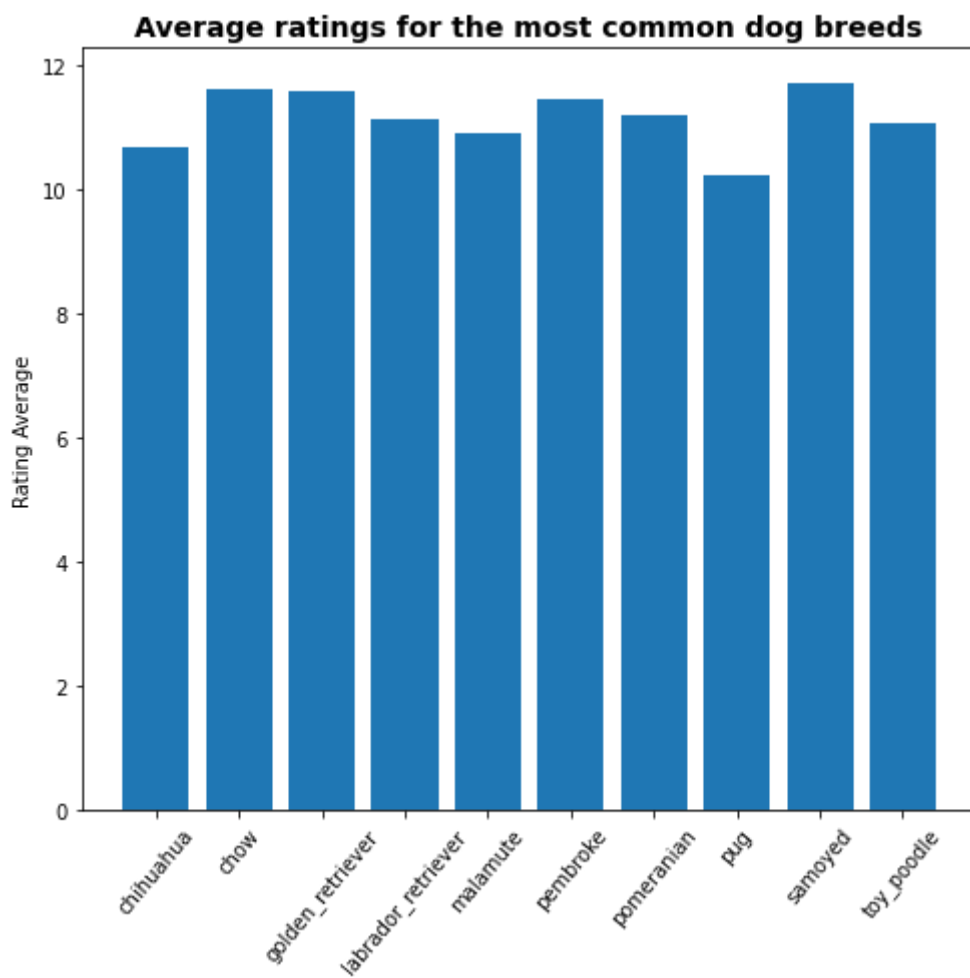


Analyze And Visualize Data

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. The data of WeRateDogs Twitter account was gathered, assessed, and cleaned to be analyzed and visualized effectively. This report communicates the insights and displays the visualizations produced from the wrangled data of the WeRateDogs Twitter account.

Average ratings for the most common dog breeds

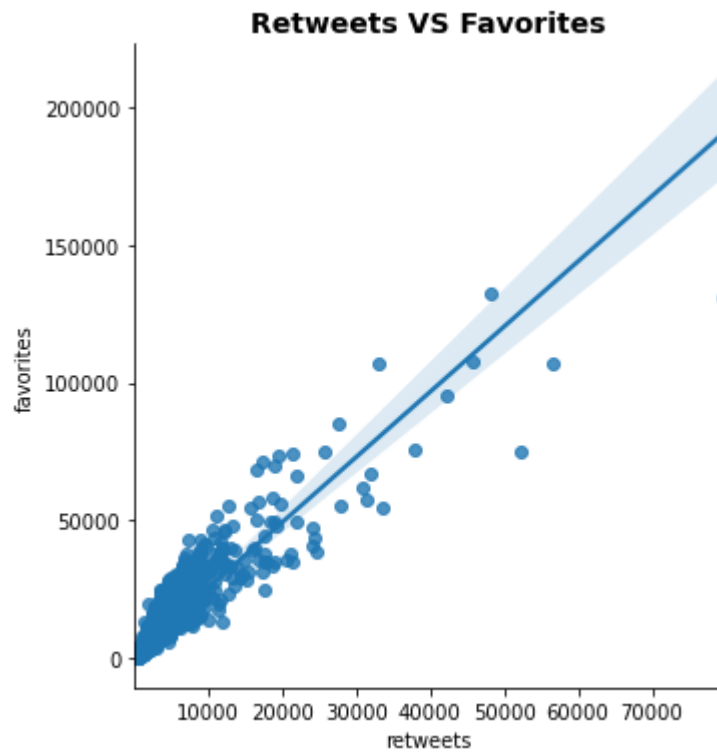
For the most common dog breeds, we found the average rating of each, then displayed the results on a histogram as shown below:



As shown above, the most common ten dog breeds that appeared the most in our sample have a rating average between 10-11 out of ten, which indicates the effectiveness of dog breeds on rating scores. The above chart shows that generally, the most common dog breeds get high rating averages.

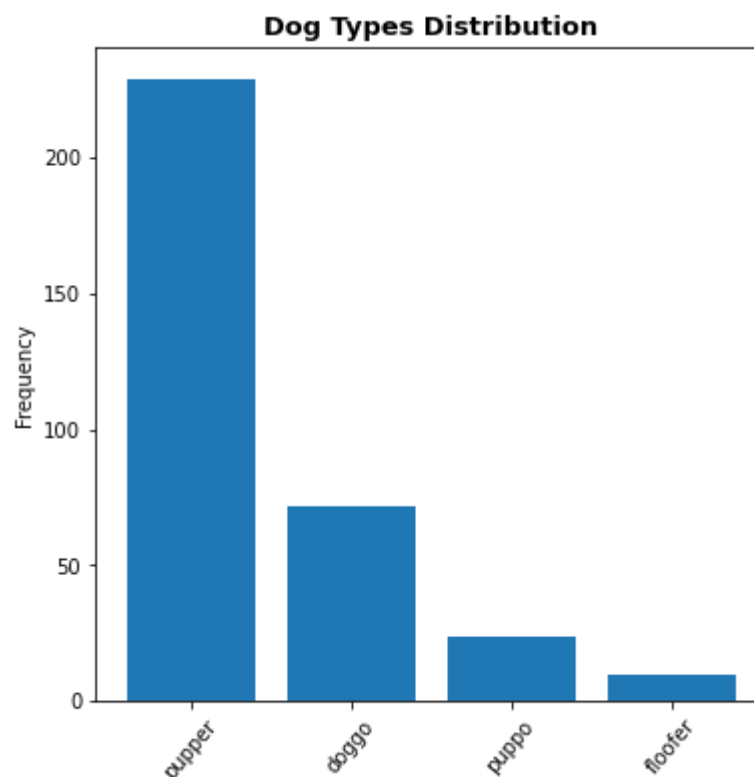
*Note: According to the account owners' explanation, when the dogs are good enough, they give them a rating score greater than ten, 11/10, 12/10, 13/10, etc.

Relationship between retweets and favorites



The correlation coefficient measures the strength of the relationship between two variables, so, from the previous results, we can conclude that tweets' retweets and favorites are strongly correlated (the correlation coefficient= 0.911282). Above is a scatter plot with the best fit line, which illustrates the proportional relationship between tweets' retweets and favorites. As the number of tweet's retweets increase, the number of tweet's likes increase as well.

Dog Types Distribution



The above chart illustrates the frequency of the four dog types, it can be inferred that the most common dog type in our sample is Pupper, followed by Doggo type.