Analysis Report:

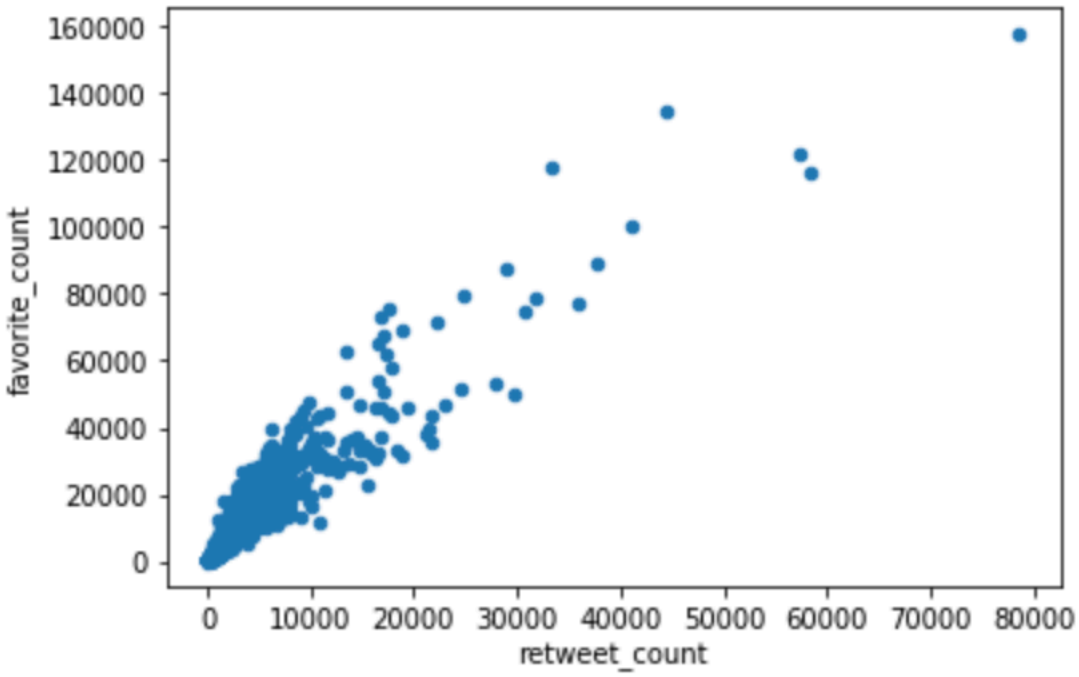
I did three analysis total regarding my wrangled data.

The first analysis I did is about the neural network on image predictions.

I calculate the probability that the algorithm confident over 50% for each prediction, and I also calculate the probability that the predication is actually true. Turns out the result are pretty surprising. In the first predication, the algorithm confident over 50% only have about 50%, and actually probability that predication is actually true is about 70%. And in the second and third predication has a surprising low 0 % for confident predication, and again 70% accuracy rate. This is a indication that algorithm doesn't take much image, so it's not mature enough and confident enough when it run predications.

The second analysis I did is a scatterplot with favorite count and retweet count.

The graph is a indication that the favorite count and retweet count has a linear relationship. It also support my theory that it's very unlikely to have a favorite count as 0 while retweet count is very big. Most of the time, large favorite count will pair along with a large retweet count.



The third analysis I did is number of bar chart on rating classified by dog stage.

I create number of bar chart for each dog stage's rating. It seems that regarding of the dog stage, most of the rating are fall between 1 to 1.3. It reminds me of the culture of WERATEDOG, the score are usually beyond the maximum scale 10. It's not about how realistic the rating are, it's all about showing off the dog and get comment about it.