

## Act Report

The data that was analyzed is from the WeRateDogs, I only included original tweets that have a rating, most of them are dogs, however some of the lower rankings were given when people sent other animals like dinosaurs. The database has 2175 tweets. Also I studied images predictions made by an algorithm which predicted if the images were of dogs and which breed they were.

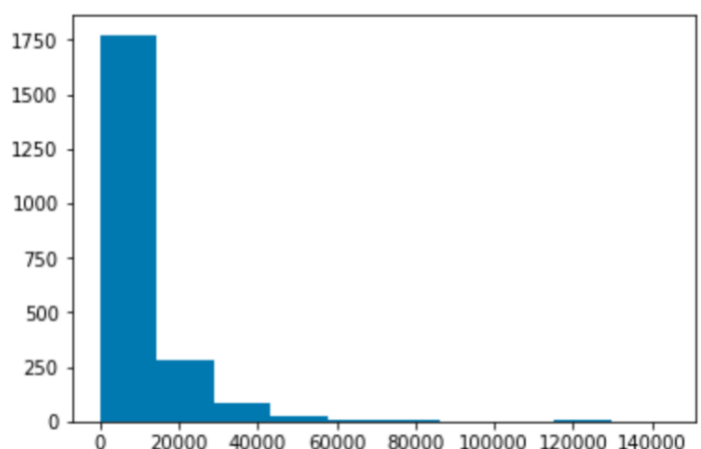
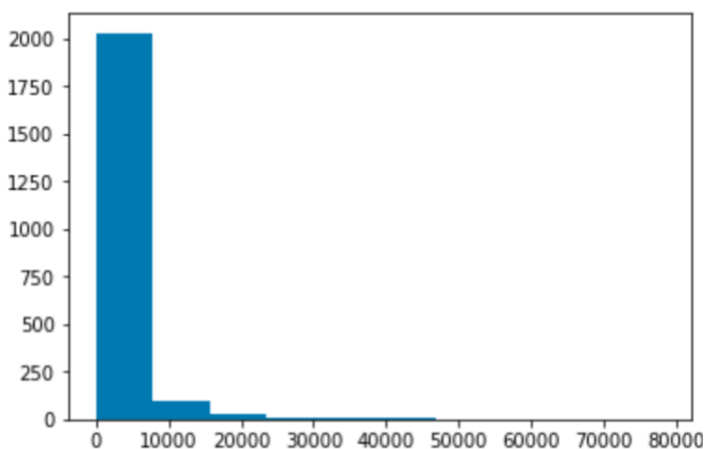
Some of the insights made from the analysis of this data are:

- The average post of WeRateDogs with dog ranking gets about 2740 retweets, and one got up to 78252 retweet.
- WeRateDogs followers tend to favorite tweets more than they retweet, the mean of likes is 3.19 times the mean of retweets, however this does not apply to the maximum, because the maximum favorite count is of 144022

## Retweet Count and Favorite Count Summary statistics and Histograms

**retweet\_count**  
Mean: 2740.8432183908044  
Standard deviation: 4710.124719608821  
Minimum: 0  
Maximum: 78252

**favorite\_count**  
Mean: 8757.95540229885  
Standard deviation: 12447.304104751855  
Minimum: 51  
Maximum: 144022



- Of the image predictions in which the first prediction is a dog has about 61% confidence, however there is at least one image that with only 4.43% certainty is predicted to be a dog. Also some images have a 99% confidence of being dogs.

- Usually WeRateDogs rate base on a scale of 10, usually giving between 1 and 14, however there are some outliers, one even has 1776, those outliers should be checked because the might not be real values. Also, sometimes they rate on a scale of more than 10, but it is always on multiples of 10, this usually happens when a picture has more than one dog so they add 10 to the scale for each one of them

### Numerator vs Denominator Scatterplot

