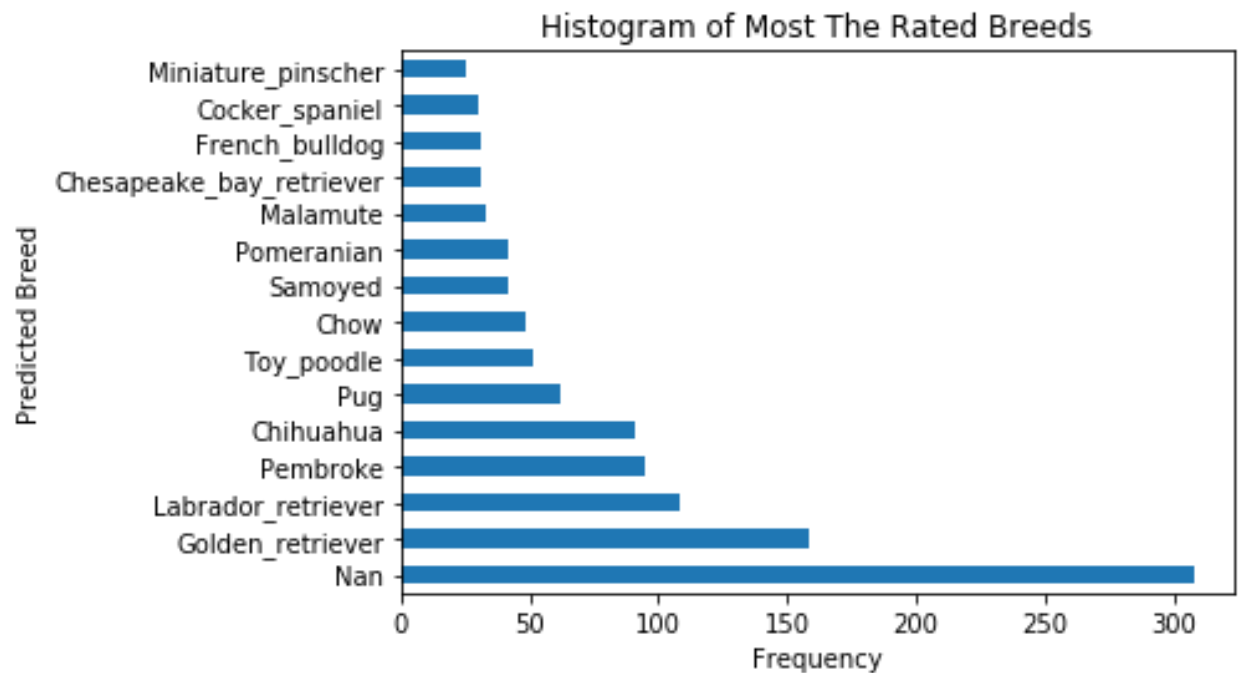The cleaned data frame twitter master has a total of 13 columns and total of 1994 records. This data is a result of collecting different sources and combining them to make it more appealing.

Visualization Insights:

Visualization #1 shows the histogram which tells us the frequency of top Breeds in our data.

Histogram of Most The Rated Breeds

- Although we had many null values in our columns, it is interesting to see the top 3 most rated dog breeds. The visualization shows us that Golden retriever is the most liked breed in the community followed by Labrador retriever and Pembroke. Another thought would be – these are the most common breeds found on the neural network.
- There are other types of breeds which are not visible in the Visualization because their count is limited to 25 for display purposes.
- The prediction algorithm is not 100% accurate.
- Only 6 dog breeds have surpassed the 50 count.

Visualization #2 is a scatter plot which shows the relationship between the retweets and favorites on the post.

- Retweets frequency is found on the y axis and Favorites frequency is located on the x axis.
- Majority of the retweets and favorites fall under the 50,000 mark.
- The top-rated tweet has been retweeted around 80,000 times and liked by more than 120,000 people. The actual record for "Favorite" column is 13810, for Retweets column is 79515. The name if the dog is not available but it is predicted to be Labrador Retriever.
- The visualization shows us that behavior characteristic - people prefer favorites over retweeting the posts.

Retweets and favorites Scatter plot