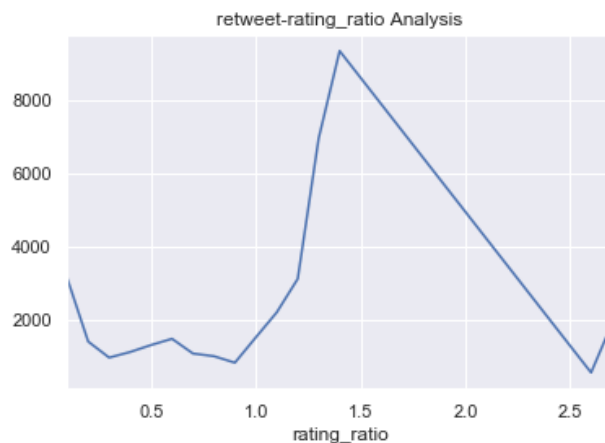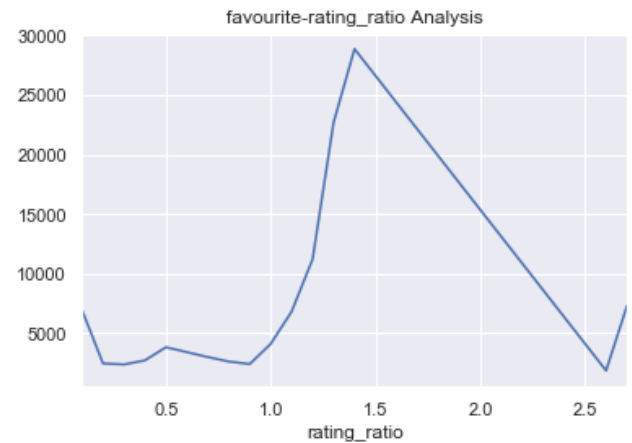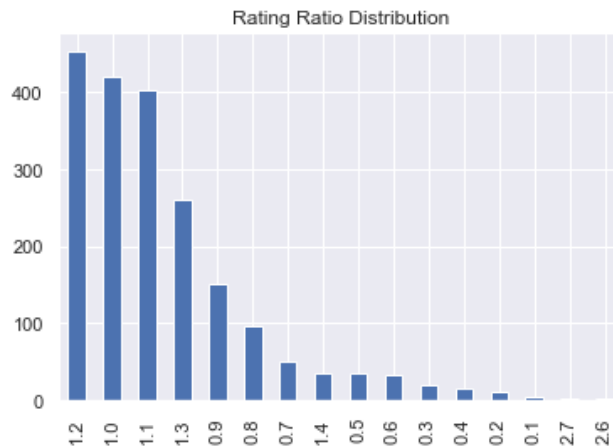# WeRateDogs Data Wrangling Project – Act Report

Based on the wrangled data, there are at least three data visualizations have been made in this project. Each data visualization with the insight will be presented at below:
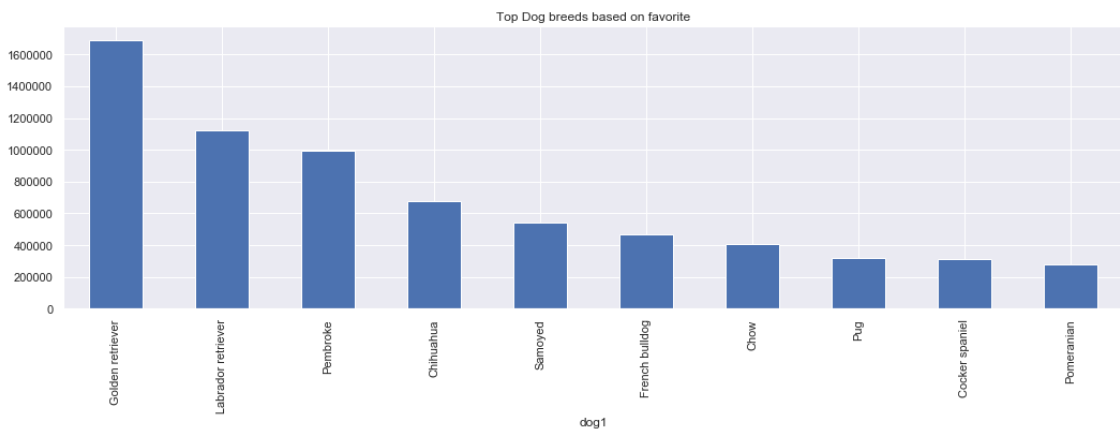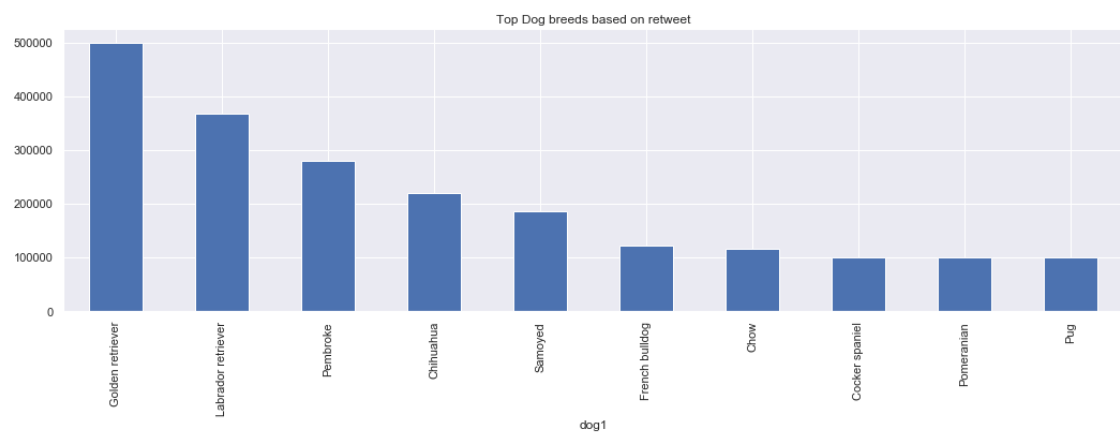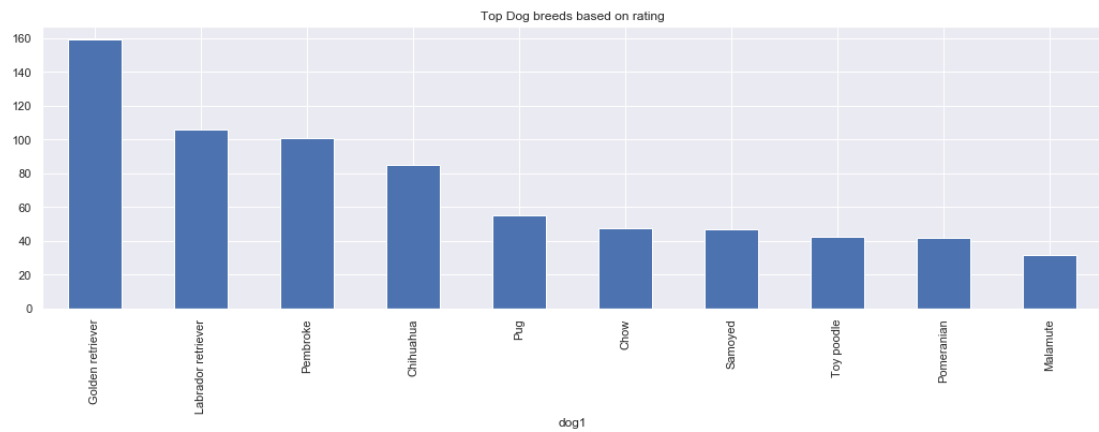
1. Rating Ratio Analysis

Insight:

The average rating ration is 1.05 based on the observation that has been made, there is some certain range that have a positive relationship with number of retweet and favorite. the optimum range of rating ratio lies between 1-1.3 where ratio number is either smaller or bigger will be not the most optimum number of retweet and favorite

2. Dog Breeds Analysis

Top Dog breeds based on rating

Top Dog breeds based on retweet

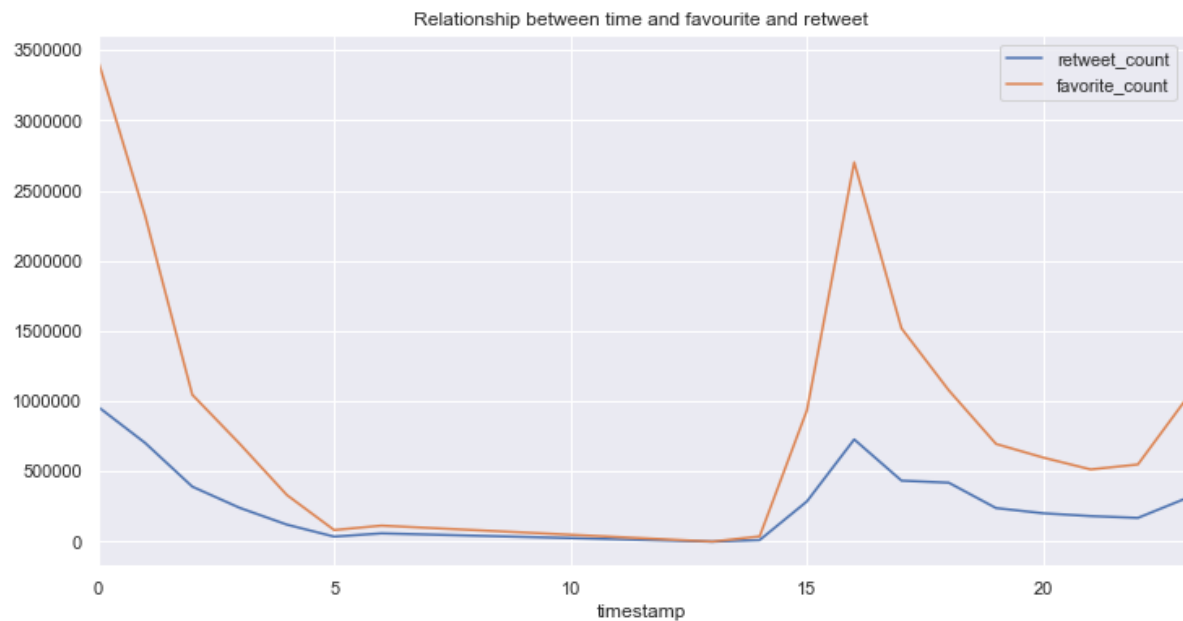### Top Dog breeds based on favorite

Insight:

Based on the above observation, Type of dog breeds that always be in top rating, favorite, and retweet are Golden Retriever, Labrador Retriever, Pembroke, Cihuahua, and followed by Samoyed or Pug (only for rating).

Golden Retriever is the most favourite, rated, and retweet dog breed and it has significant difference with other type of dog breeds, as we can refer Labrador Retriever

3. Relationship between Time and Favorite and Retweet

Insight:

Based on the observation on above chart, it shows that the optimum time of people engaging in twitter is approximately from 03:00pm - 07:00pm and start to decrease during dinner time (07:00pm - 10:00pm) and it increases significantly to the peak point in the midnight time from 11:00pm - 02:00am. This would suggest that in order to achieve high retweet and favorite, it's recommended to post the tweet within the above suggested time since there is more people engaging with social media.