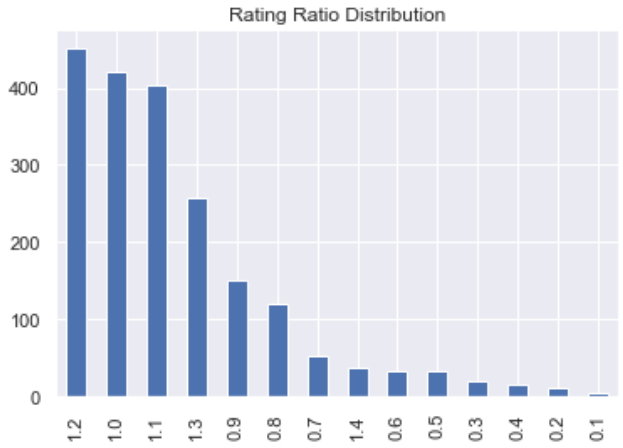
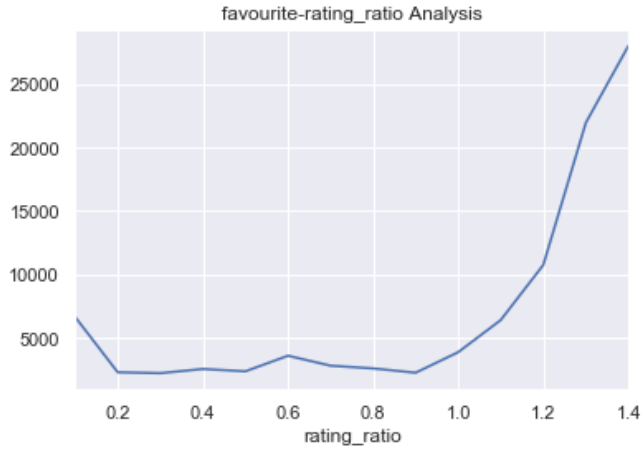
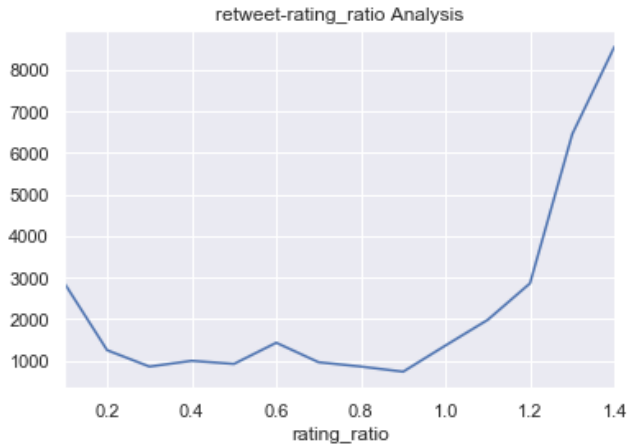
WeRateDogs Data Wrangling Project – Act Report

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



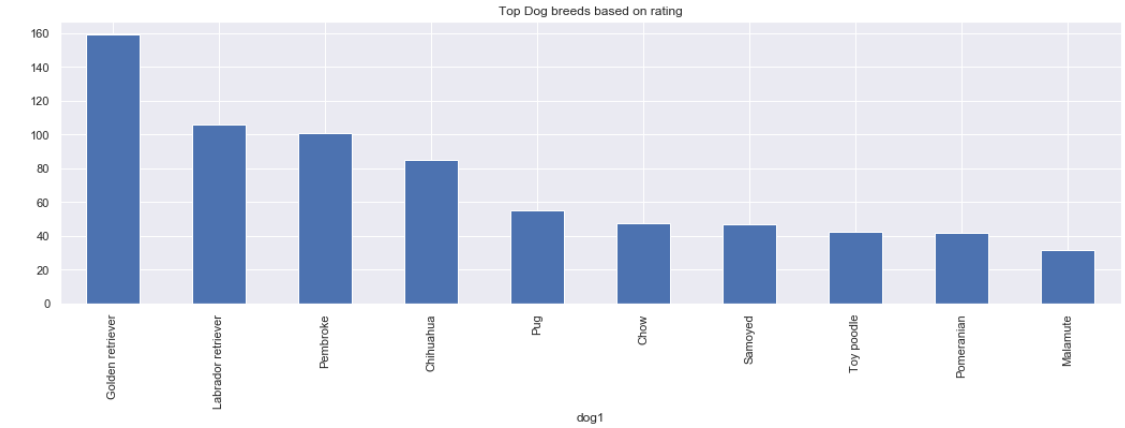


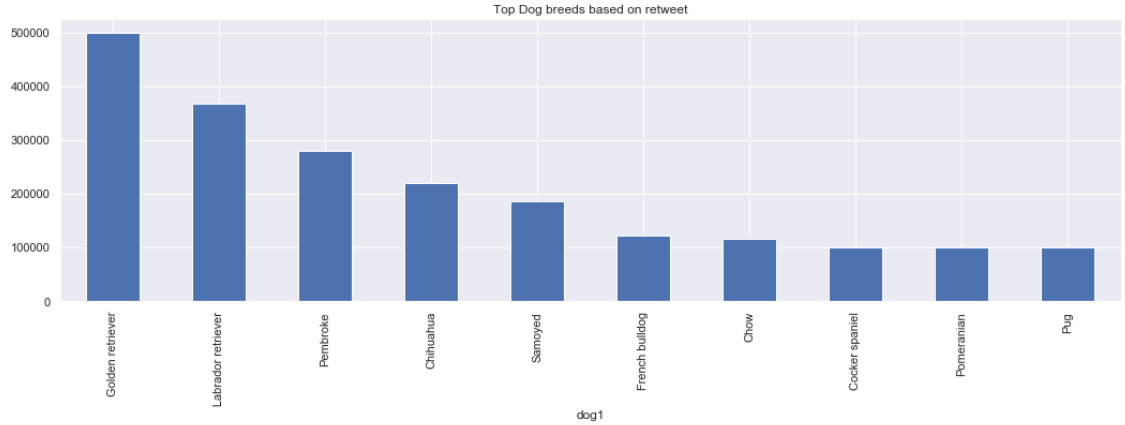


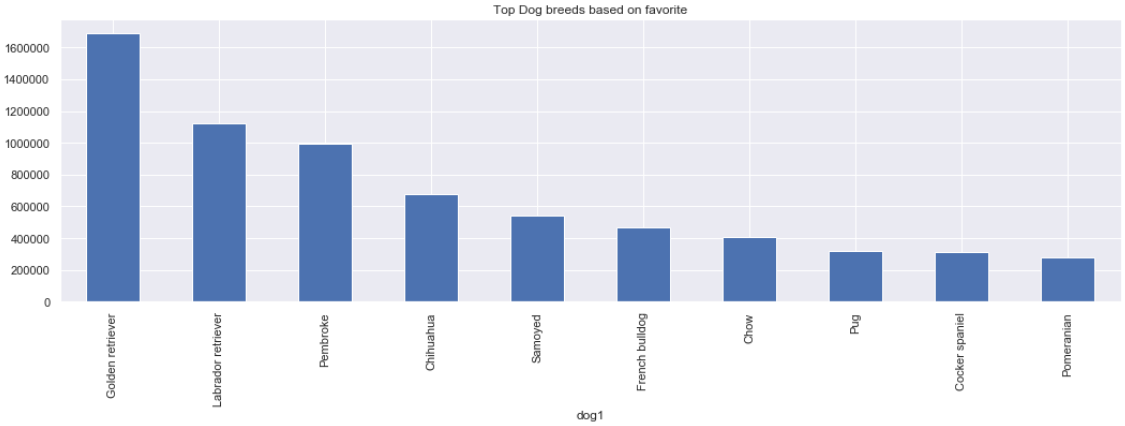
Insight:

Average rating ration is 1.05 and there is a positive relationship with number of retweet and favorite. Any ration is bigger than 1, the trends will increase exponentially over the number of retweet and favorite

2. Dog Breeds Analysis





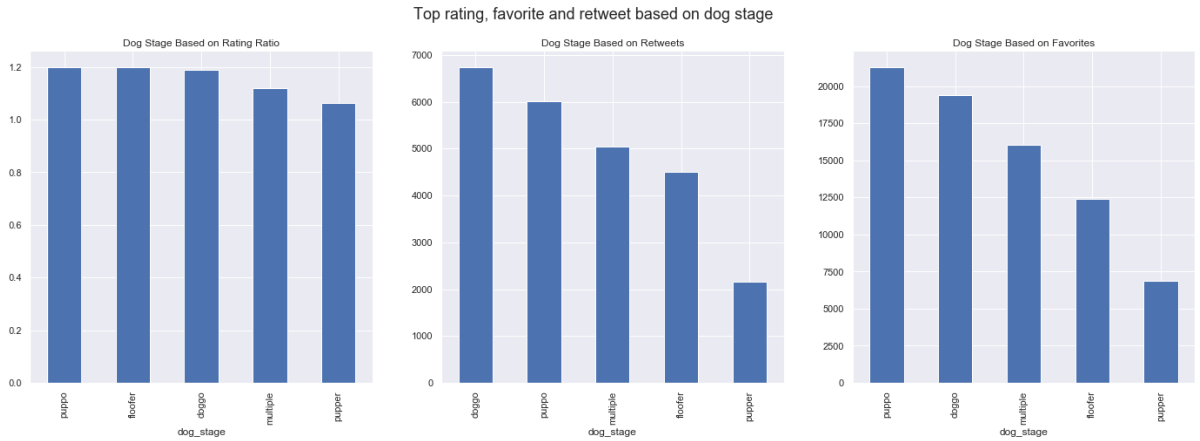


Insight:

Type of dog breeds that always be in top rating, favourite, 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 compare to Labrador Retriever

3. Dog Stage Analysis



Insight:

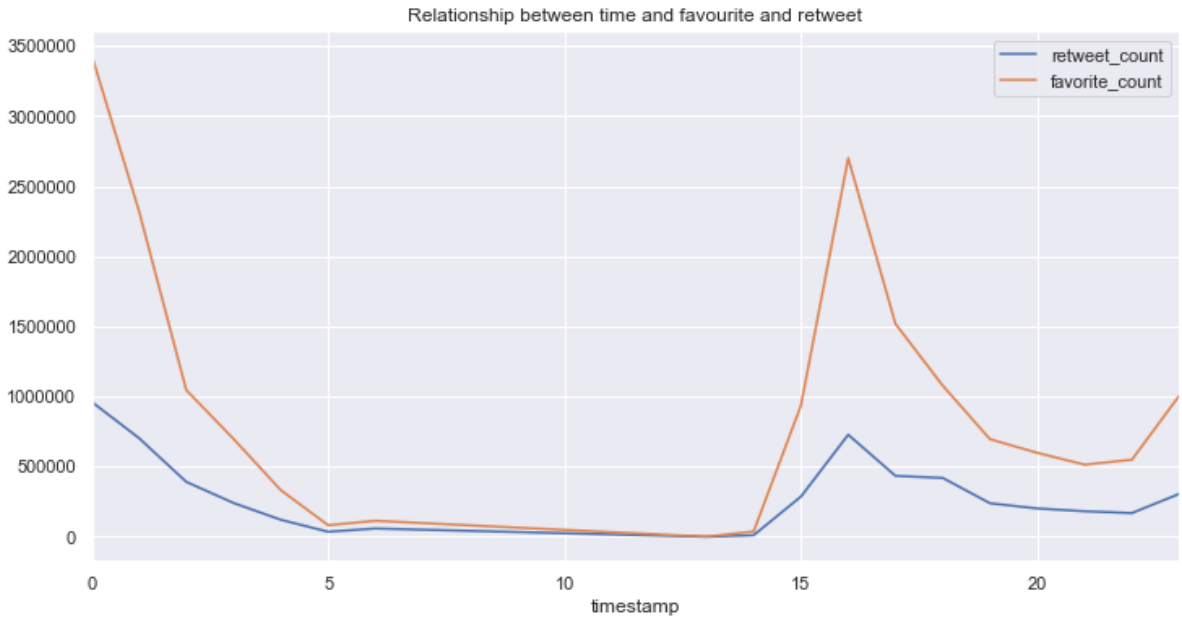
Based on Rating Ratio: Doggo, floofer and puppo are most favorite dog stage

Based on Retweet: Doggo is the most favorite dog stage

Based on favorite: puppo is the most favorite dog stage

Pupper is the least favorite among these three analyses

4. Relationship between Time and Favorite and Retweet



Insight:

The above charts show that the optimum time of people engaging in twitter is approximately from 04:00pm - 06:00pm and start to decrease during dinner time (07:00pm - 10:00pm) and it increases significantly to the peak point in the midnight time from 00:00- 01:00am. 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 are more people engaging with social media.