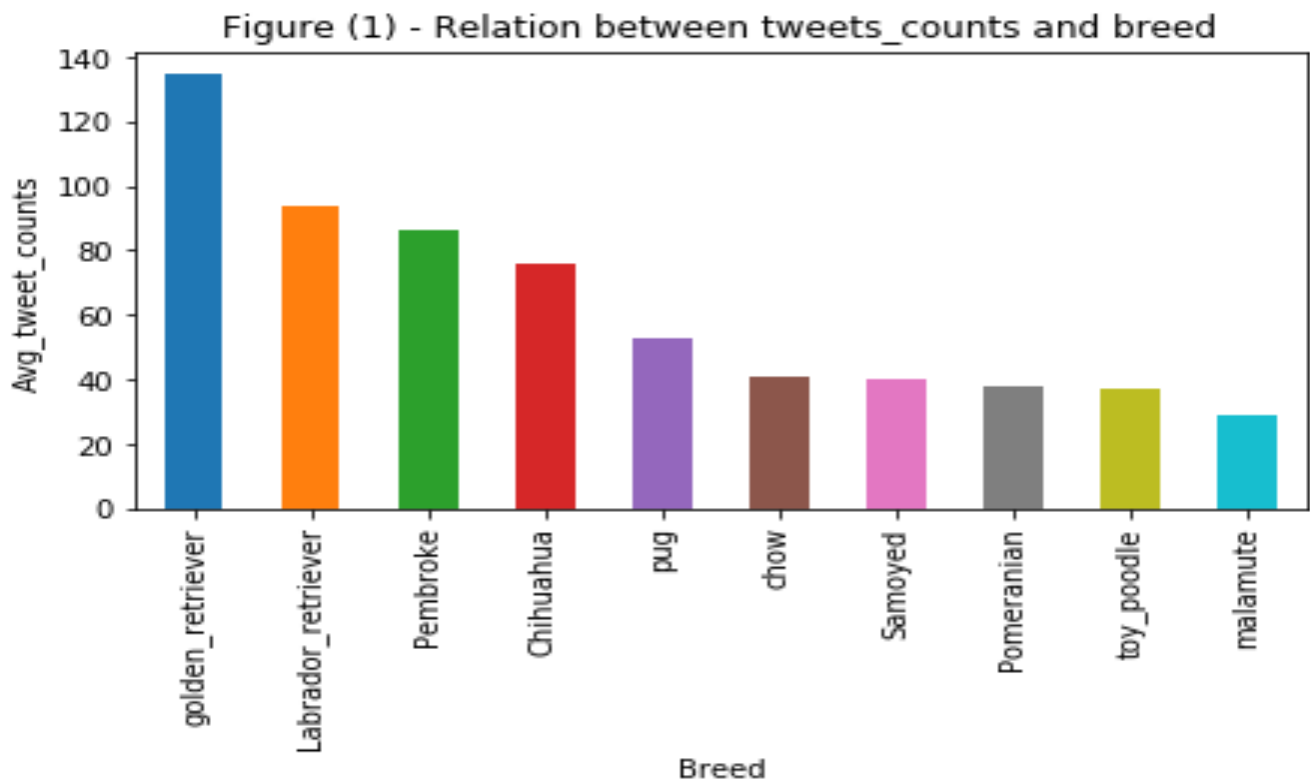# WeRateDogs project
(Act report)

After wrangling data I stored it as csv file then I read the csv as my new df which will be analyzed and visualized .
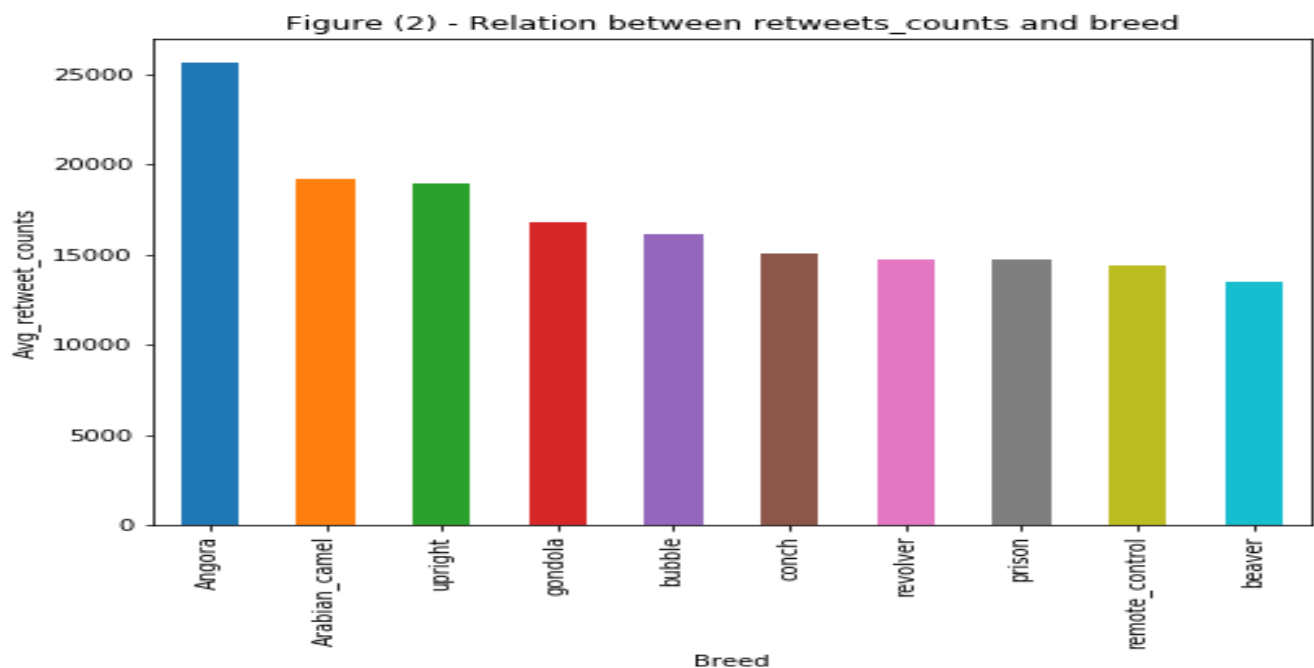
In analysis and visualization process I decided to focus on 9 insights and visualize them as follows :

   1- relation between tweet_counts and breed to insight the most important breeds for the account of weratedogs .
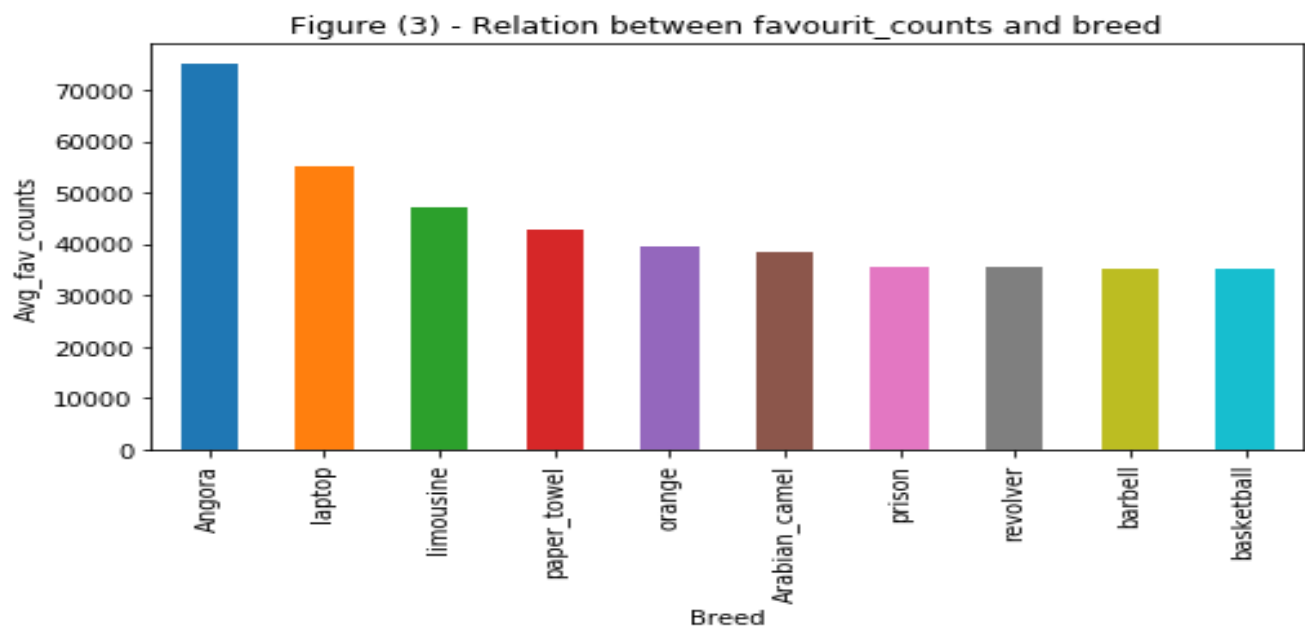

Figure (1) - Relation between tweets_counts and breed

insight 1: Golden_Retriever has most tweets from weratedogs account .

2- relation between retweet_counts and breed to insight the favourite breed for followers .

Figure (2) - Relation between retweets_counts and breed

insight 2: Angora has most retweets from weratedogs followers.

3- relation between favourite_counts and breed insight the favourit breed for followers in another way.

Figure (3) - Relation between favourit_counts and breed

insight 3: Angora has most favourite counts from weratedogs followers.

4- the most important breed in tweets counts vs retweet counts .

Figure (4) - Relation between golden_retriever and Angora in retweets counts
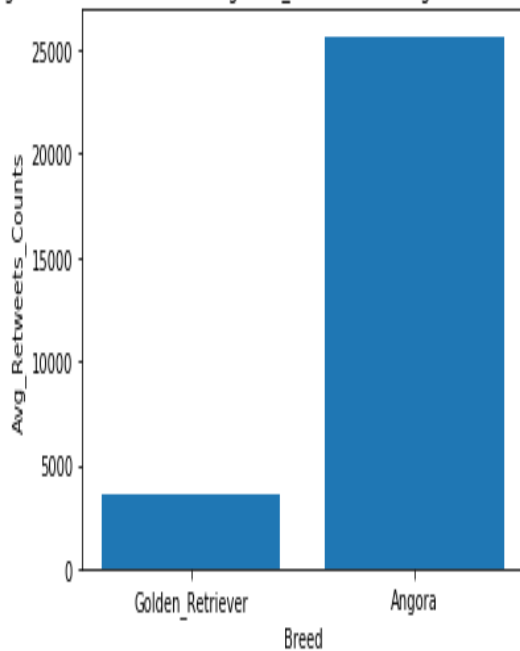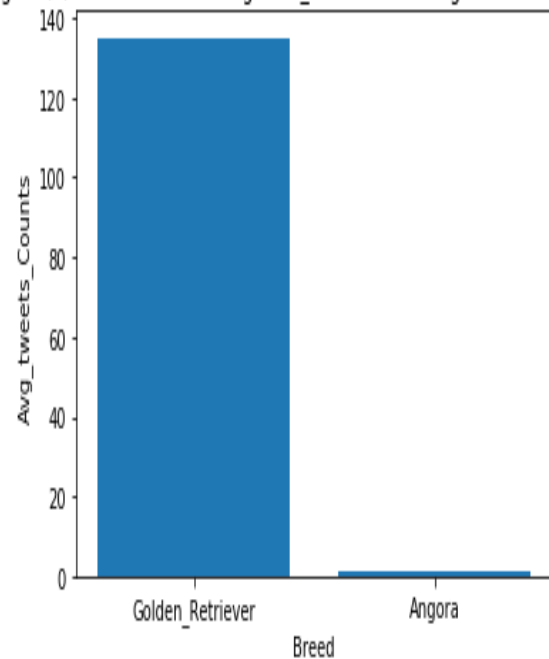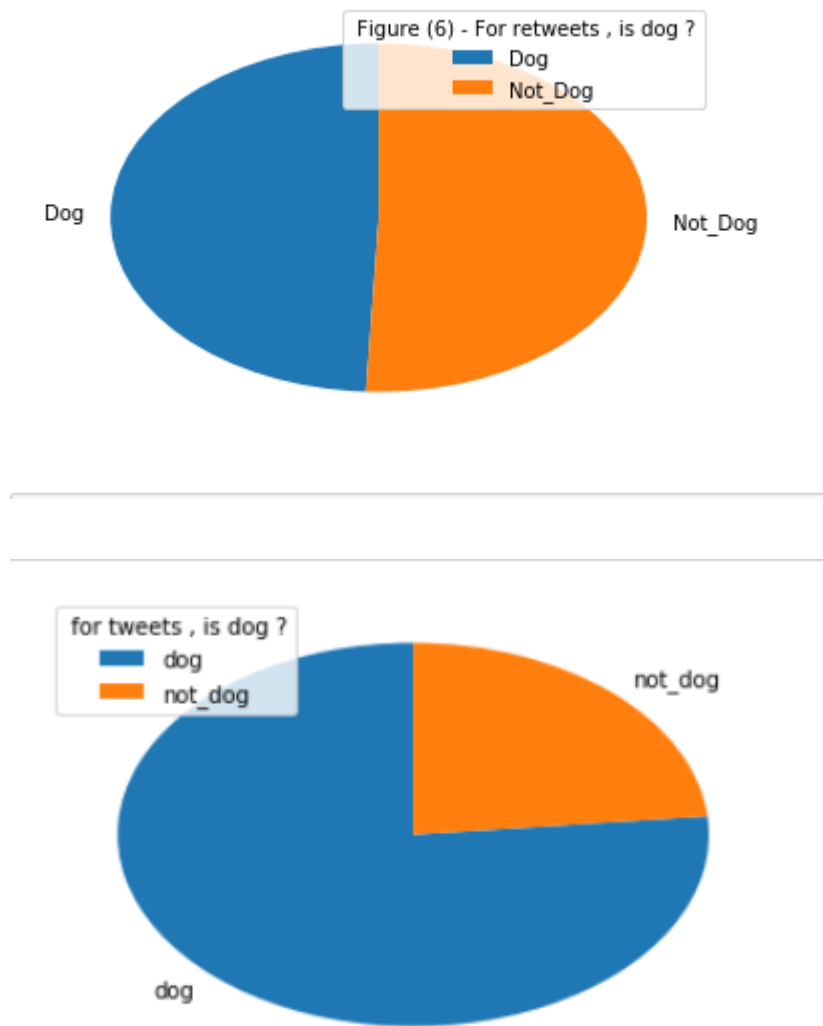

Figure (5) - Relation between golden_retriever and Angora in tweets counts

insight 4: the most important breed in tweet counts from weratedog account doesn't have the same interest and almost ignored from the followers in retweet and favourite counts , vice versa the most important breed in retweet and favourite counts doesn't have the same interest from weratedog account in tweet counts.
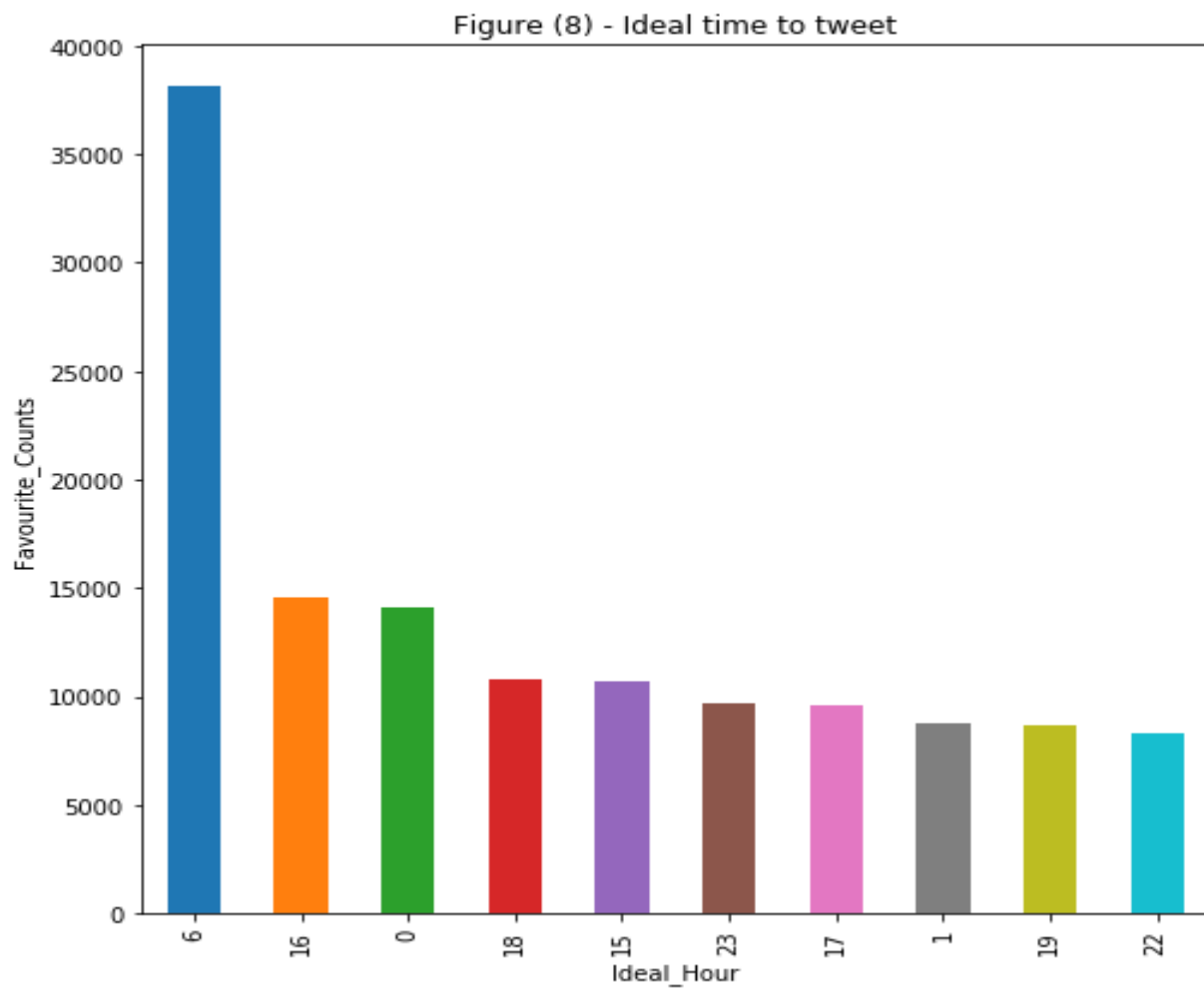
important insight here is that the the most count breed in favourits and retweets 'Angora' is not dog in prediction of machine learning !!!

5- tweet counts, retweet counts where is dog or not.

Figure (6) - For retweets , is dog ?
- Dog
- Not_Dog
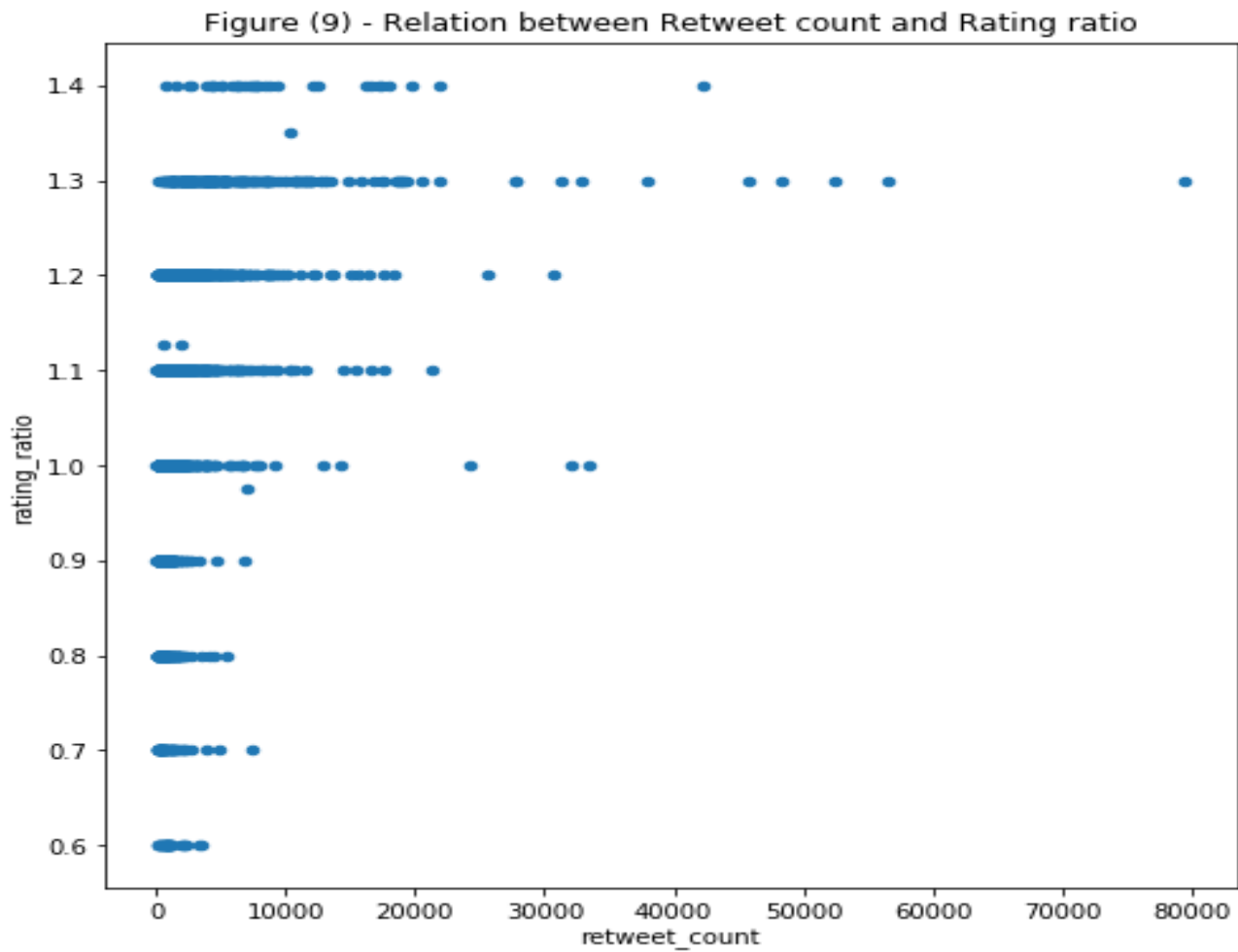

for tweets , is dog ?
- dog
- not_dog

insight 5: the most breeds in retweet and favourite counts are for other animals not dogs or dogs in weird photoes so the the prediction of it in machine learning is not dog , and these weird tweets have more interaction from follwers than others of normal dogs .

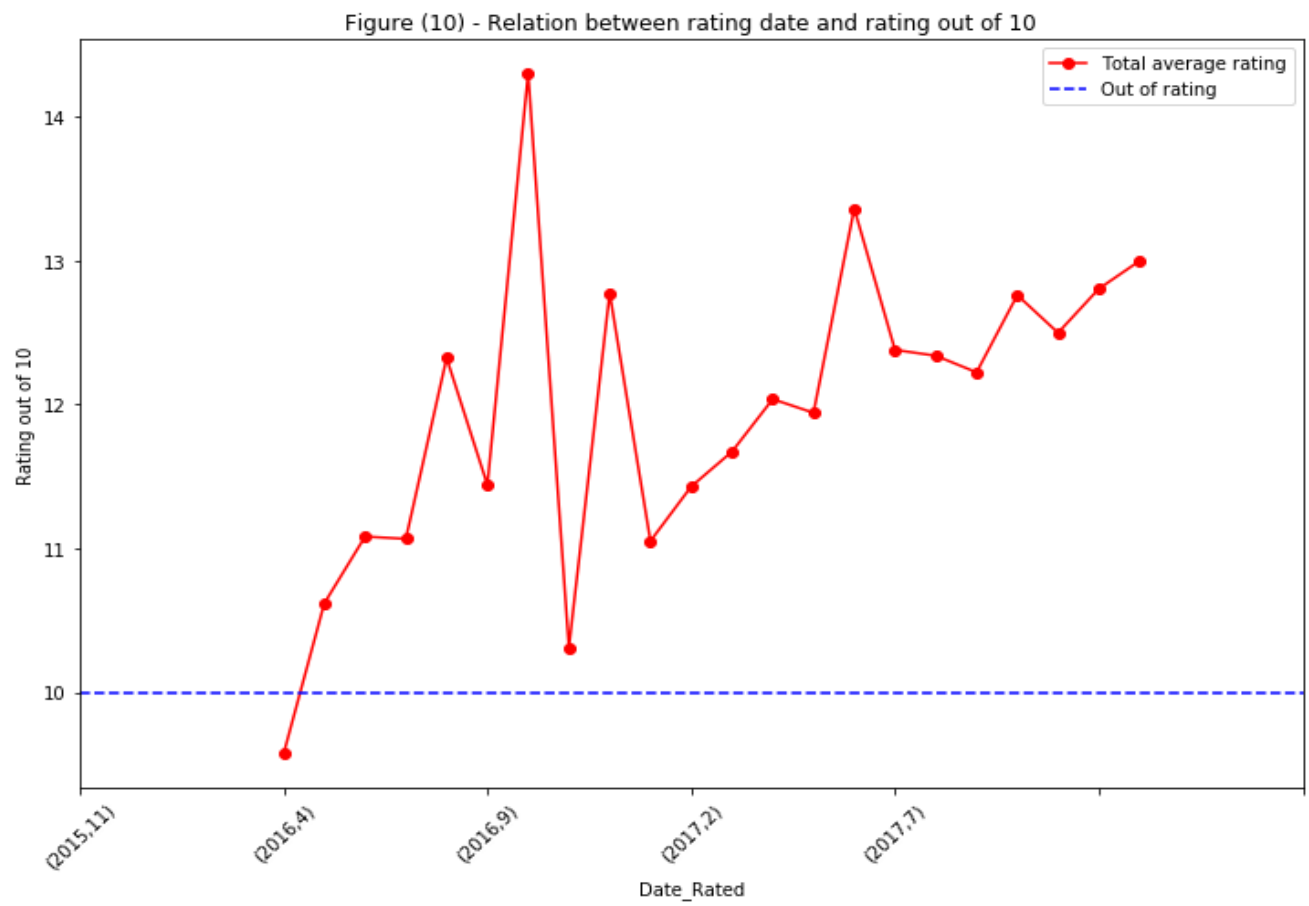**6- ideal time to put tweet in the acoount to get interactions.**

Figure (8) - Ideal time to tweet

insight 6: ideal time to tweet and get interactions is 6 A.M.

7- sactter plot between retweet count and rating ratio.

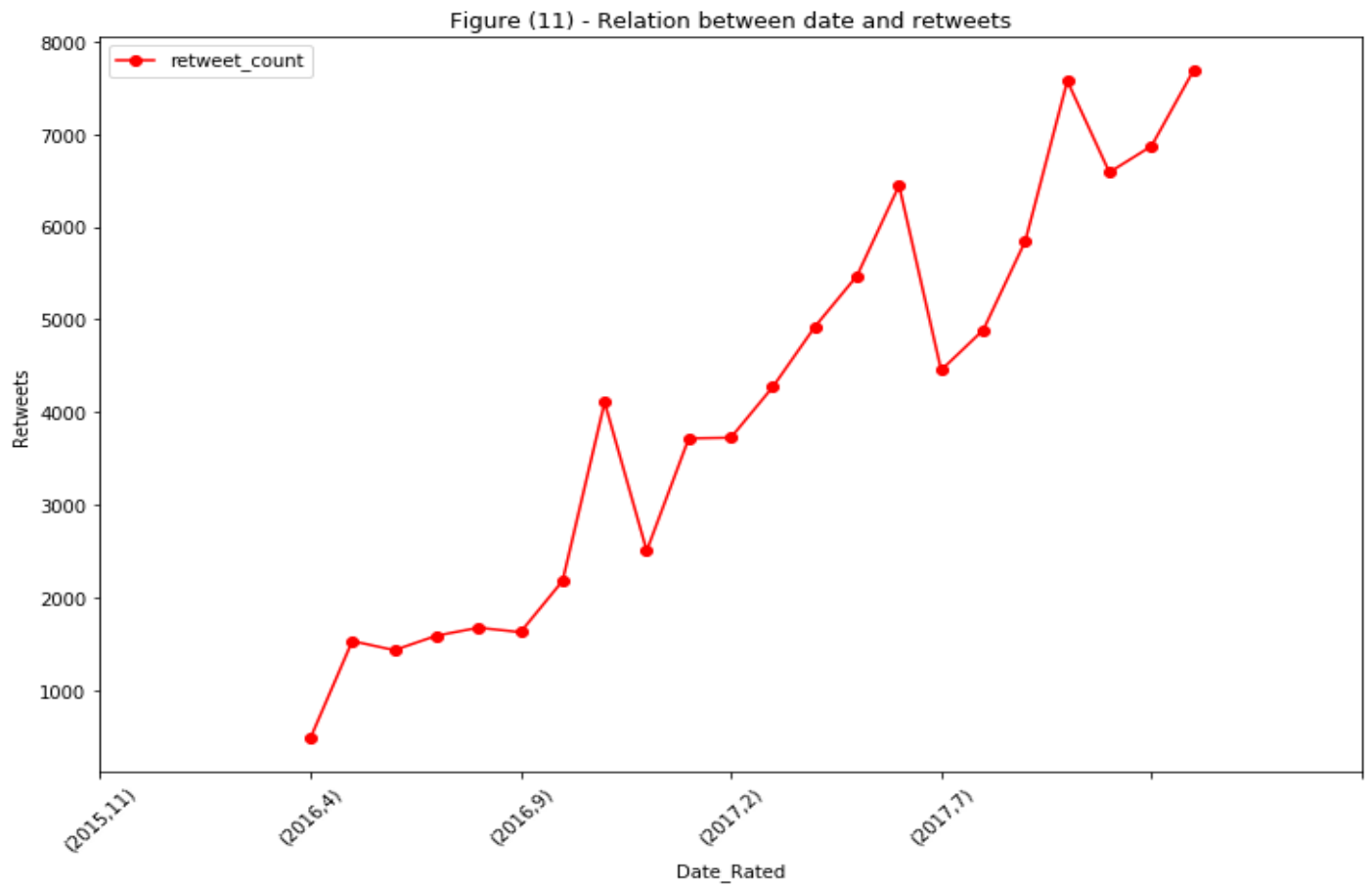Figure (9) - Relation between Retweet count and Rating ratio

insight 7: the relation between retweet count and rating ratio is positive correlation.

8- the relation between tweet time and the rating_numerator.

Figure (10) - Relation between rating date and rating out of 10

insight 8: in the beggining of weratedogs the rating numerator was < 10 then the rating method changed.

9-   the relation between tweet time and tretweet count.

Figure (11) - Relation between date and retweets

insight 9: retweets Number number increases over time and years .