# Insights and the visualization(s)

derived from the wrangling

After wrangling process was successfully completed.

I used basic methods like .describe to learn about the metrics of my findings. These were as follows:

- Maximum rating a Dog has received out of 10 is 15 and minimum is 0 (Could be a dog on carpet case :D)
- Mean rating is 10.56/10 , 75% of dogs have received 12 rating.
- Mean of fav count of a tweet is approx 7967.5
- Mean of retweet count of a tweet is approx 2522.2
- Mean confidence about a prediction is 0.594, max is 1 as expected and min id 0.04

1. To find distribution of the tweets over time.
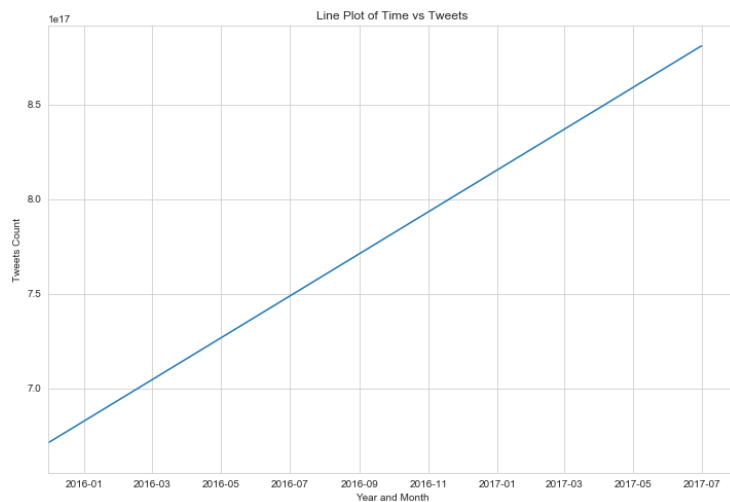
- There is linear relation here between time and tweets . It is clear that number of tweets have increased alot over time, which shows that WeRateDogs became immediately popular and keep growing.

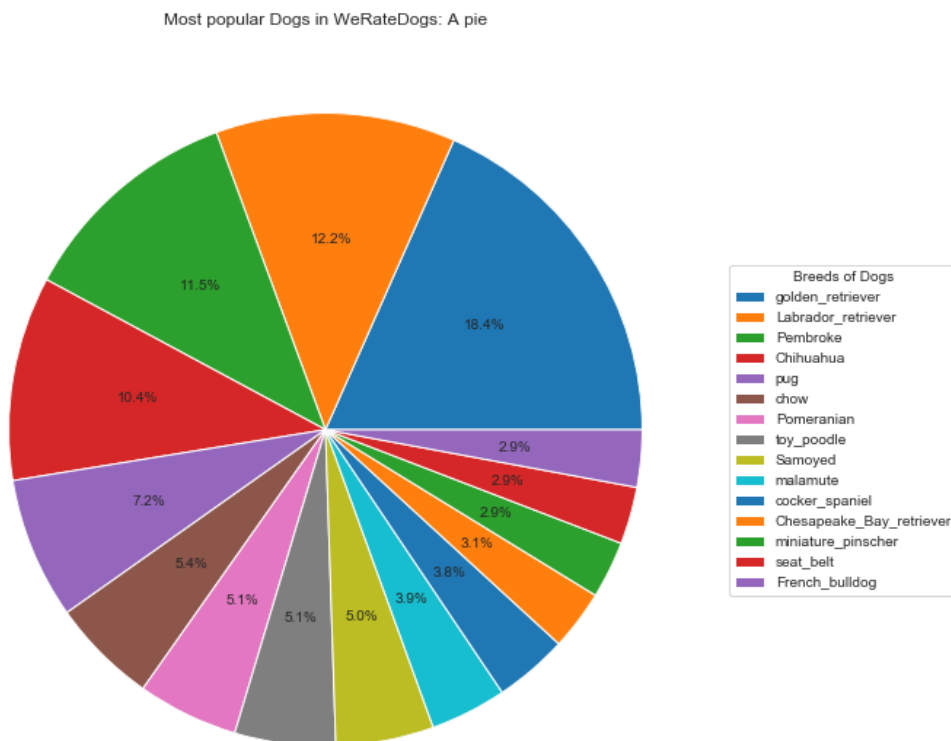2. To find average counts of retweets of the page and favorites

Distribution of Favorites and Retweets Counts
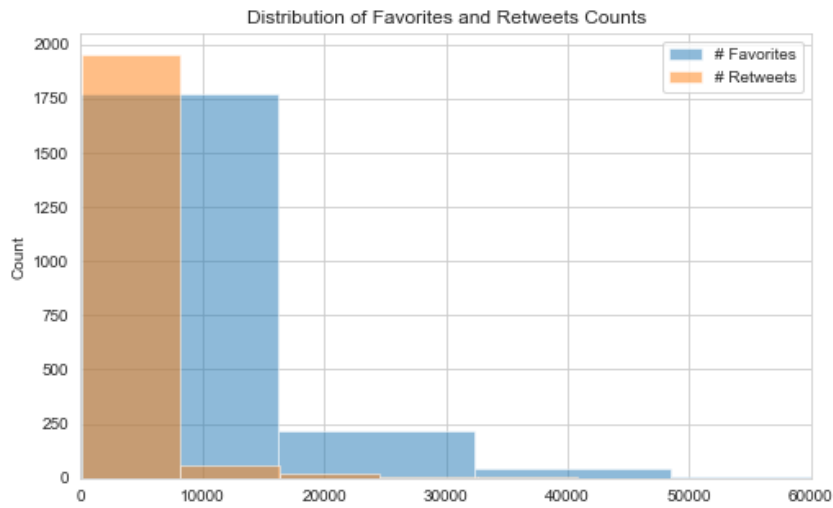
➢ Maximum tweets have received retweets upto 10k and favourites around 15k .

3. To find average rate dogs receive.
   ➢ From the describe table, we can see that average rate is 10.6/10.

4. To find the most popular breed of dog to pet.

Most popular Dogs in WeRateDogs: A pie

- The most common dog on WeRateDOgs is Golden Retriever at 18.4%
- Second common pet dog is Labrador retriever at 12.2 then Pembroke followed by Chihuahua and so on,.
- Yet so, the varieties of breeds of dogs is huge as the most common breed is only at 18.4%.

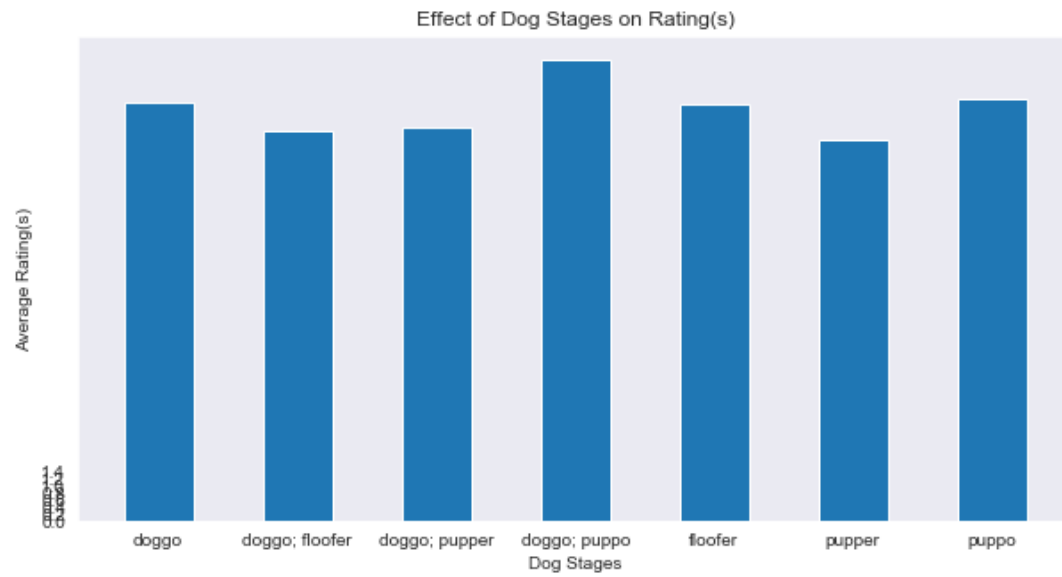So people's favourite pet dog witout doubt is GOLDEN RETRIEVER

5. To find if dog stages affect ratings.

Effect of Dog Stages on Rating(s)

➤ We can conclude that dog stage and ratings are not correlated