act_report

Data I used to make insight and visualization is a data the I gathered from the WeRateDogs Twitter archive, WeRateDogs is
a Twitter account that rates people's dogs with a humorous comment about the dog. their twitter user is @dog_rates you could check it if you want.

We have 3 dataset:
-Enhanced Twitter Archive
- The tweet image predictions
- Additional data from the Twitter API

Sorting Data

After combining all the set in 1 data frame and clean them, I stored the csv file info file name called (twitter_archive_master.csv) to anlayze the data.

it's time to visualize and insight at least 3 , and at least 1 visualization.

insights 1 & visualization
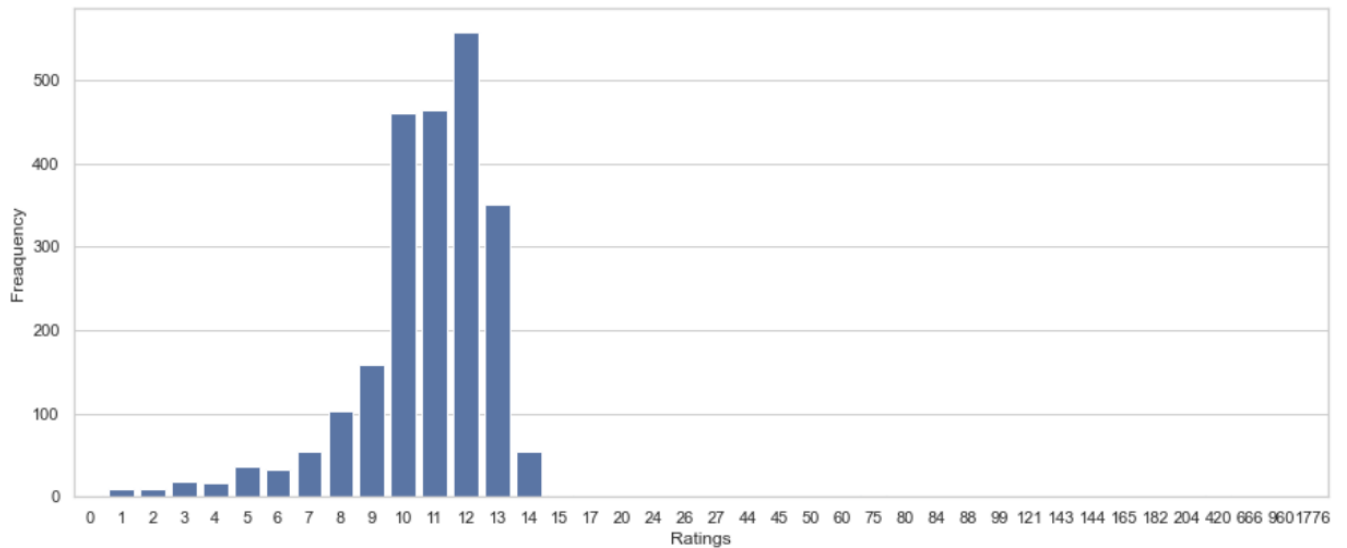**- first thing come to my mind that i want to look about ratings:**
So the most Rating Frequency is 12

For this one I used a function to my data frame column rating_numerator:
value_counts()
and it's Return a Series containing counts of unique values.
And after learn more about seaborn I create a visualization:
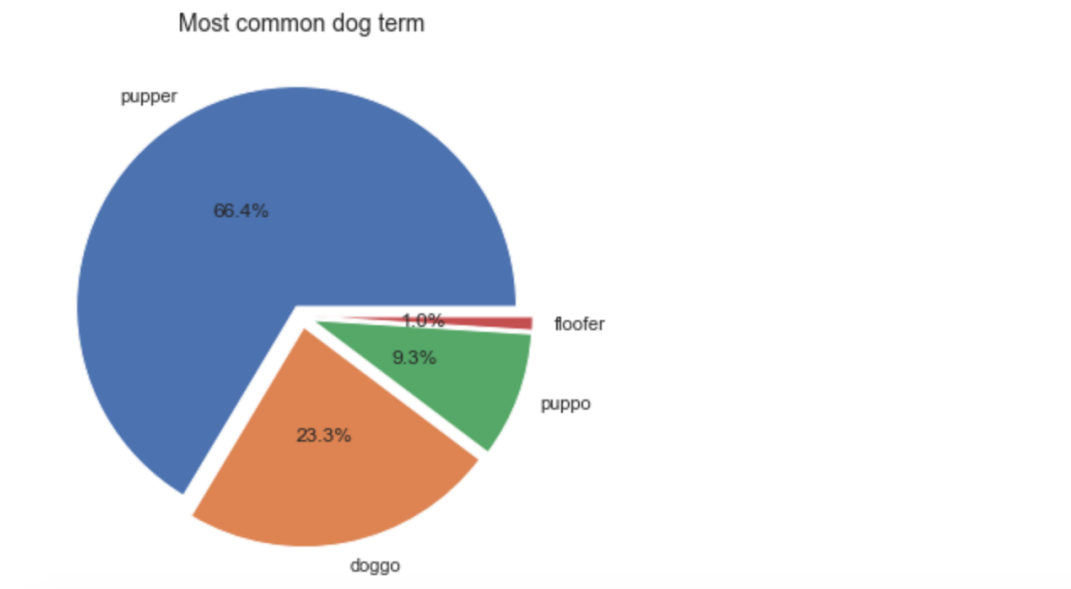
insights 2 & visualization

The second thing come to my mind is what is the most dog term in this data set and the last term.

Pupper is the most common dog term in this dataset

I used the same function above (value counts()) to counts all of the dog term in this dataset and visualize it:

```
In [389]: data = df['dogs_term'].value_counts()

pie, ax = plt.subplots(figsize=[10,6])
labels = data.keys()
plt.pie(x=data, autopct="%.1f%%", explode=[0.05]*4, labels=labels, pctdista
plt.title("Most common dog term", fontsize=14);
```

Most common dog term

insights 3 & visualization

last think come to my mind is I want to know is there a relation between the tweet and favorite in this dataset and I decide to make a scatter plot between them to know what kind of correlation it is (positive or negative or there's no correlation)

there's a positive correlation betwen the tweet and favorite:
the visualzation:

Retweet Counts by favorite using Scatter Plot