Act report

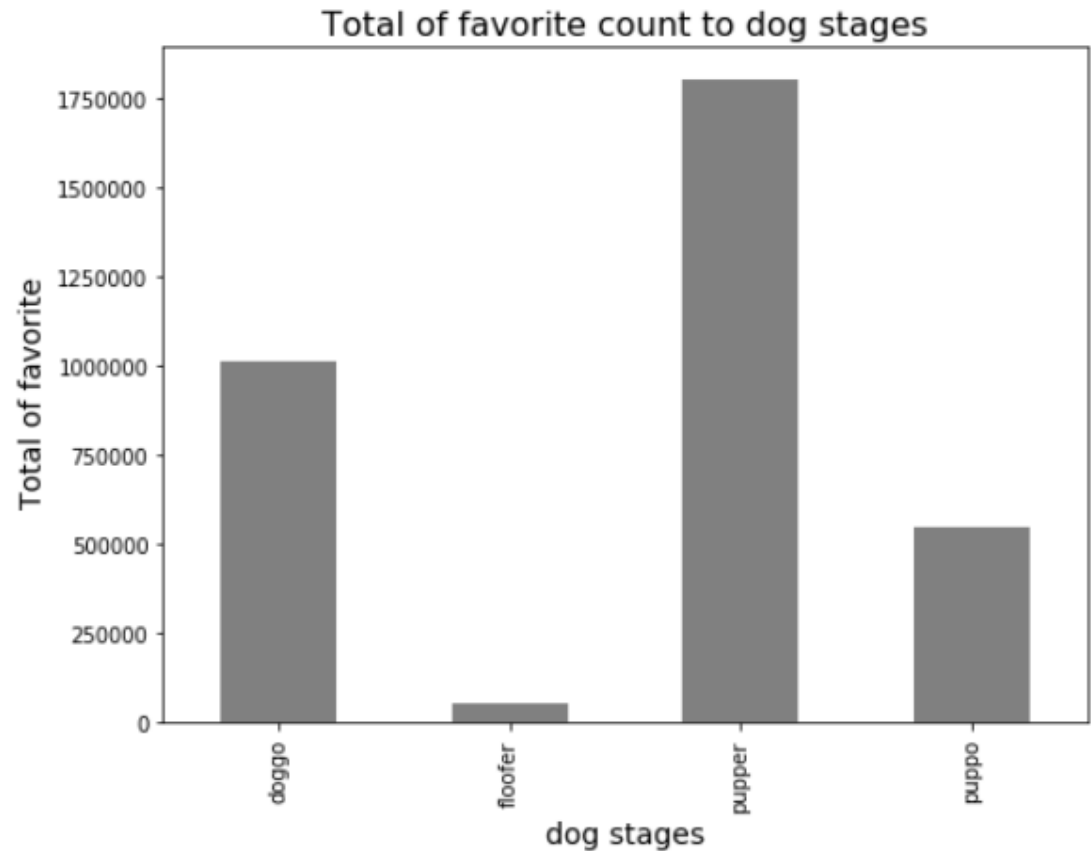Analyzing and visualization WeRateDogs
twitter data

Introduction

Firstly, WeRateDogs is a Twitter account that categorizes people's dogs with humorous dog comments. These ratings often have a denominator of 10. But the numerator is always greater than 10 (11/10, 12/10, 13/10, etc.). In theory, the rates should be 1 to 10. However, WeRateDogs disagree, they admit that nearly all dogs are worth 10 and sometimes more.

So what does this rating do? Which dog type (breed) is most common dog in the tweet dataset? What dog type has the highest average rating? These questions and more are answered in the following insights:

which dog stages has the most favorite count ?

This bar chart shows that Pupper stage has the highest number of favorite in twitter is about (1750500)

what is the most common dog stage ?

The data illustrate that the most common stage is Pupper because the number of Pupper dogs images in data is (262).

```
pupper      262
doggo        90
puppo        34
floofer       4
Name: dog_stage, dtype: int64
```

```
# View descriptive statistics of image predictions DataFrame
image_predictions.describe()
```
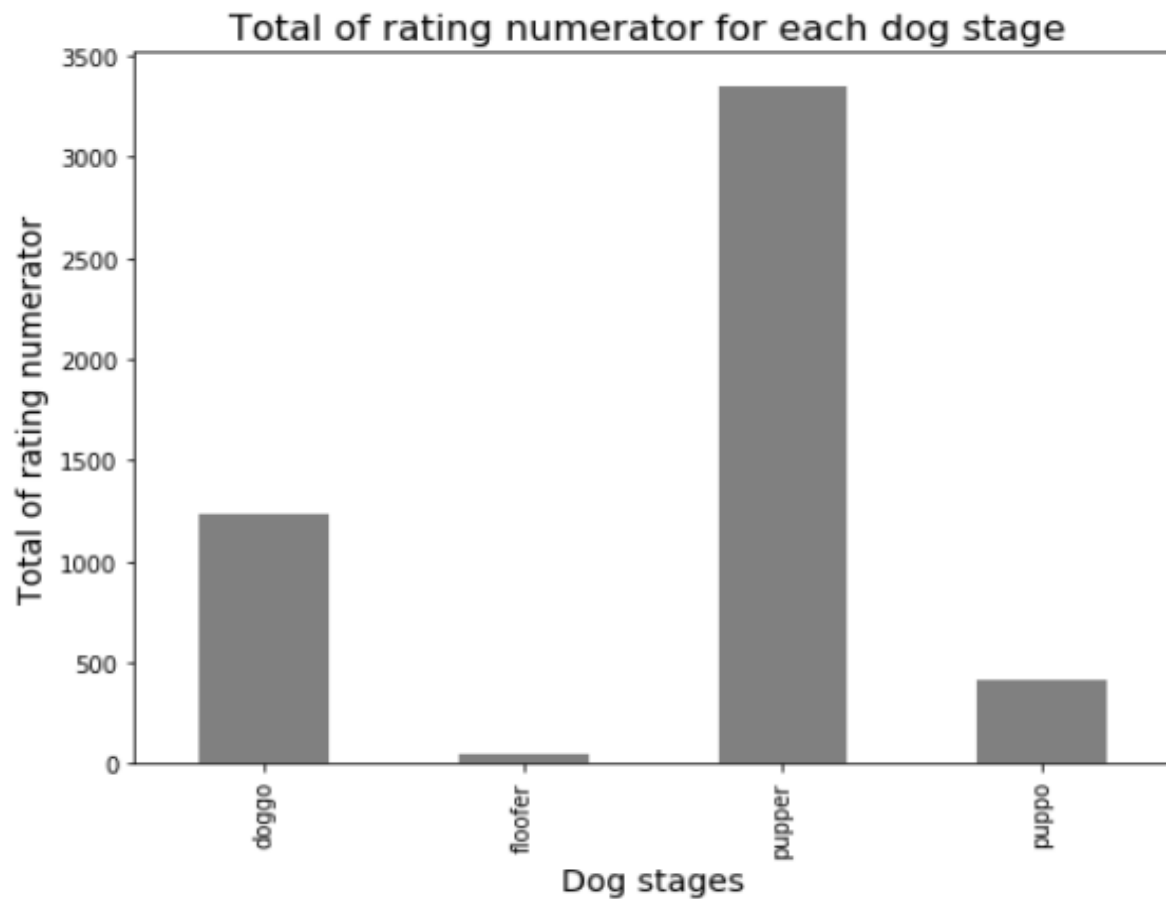
	tweet_id	img_num	p1_conf	p2_conf	p3_conf
count	2.075000e+03	2075.000000	2075.000000	2.075000e+03	2.075000e+03
mean	7.384514e+17	1.203855	0.594548	1.345886e-01	6.032417e-02
std	6.785203e+16	0.561875	0.271174	1.006657e-01	5.090593e-02
min	6.660209e+17	1.000000	0.044333	1.011300e-08	1.740170e-10
25%	6.764835e+17	1.000000	0.364412	5.388625e-02	1.622240e-02
50%	7.119988e+17	1.000000	0.588230	1.181810e-01	4.944380e-02
75%	7.932034e+17	1.000000	0.843855	1.955655e-01	9.180755e-02
max	8.924206e+17	4.000000	1.000000	4.880140e-01	2.734190e-01

which algorithim is more confiedent ?

- The mean of p1 is higher than p2 and p3 means

which dog stage has the highest rating numerator ?

In this bar chart I conclude the Pupper stage has the highest numerator rating is (3250) approximately .

Total of rating numerator for each dog stage

What are the most common breeds?

The most common breed is Golden Retriever.

```
golden_retriever        144
Labrador_retriever       99
Pembroke                 87
Chihuahua                81
pug                      56
Samoyed                  43
chow                     40
toy_poodle               39
Pomeranian               38
cocker_spaniel           29
Name: p1, dtype: int64
```