Act Report

Introduction

This Wrangling data project is from Udacity academy to teach about the techniques of wrangling data which includes gathering, assessing, and cleaning data for a Twitter account called WeRateDogs where this account is famous for rating dogs with a denominator of 10. We have been asked to wrangle the data of this account by various sources.

Data Analyzing

I had three questions about the data frame that I needed an answer for, so I used pandas, matplotlib and PIL to help me analyze data frame based on the following questions:

- Which is the most common dog name?
- Picture of the highest ratings for a dog with the name Charlie.
- Most favorited dog stages.

After analyzing this is the answers for the questions above:

Which is the most common dog name?

After calling the pandas method for counting the number of name occurrences this is the result:

```
# Counting the occurrences of every value in name column
all_df.name.value_counts()
```
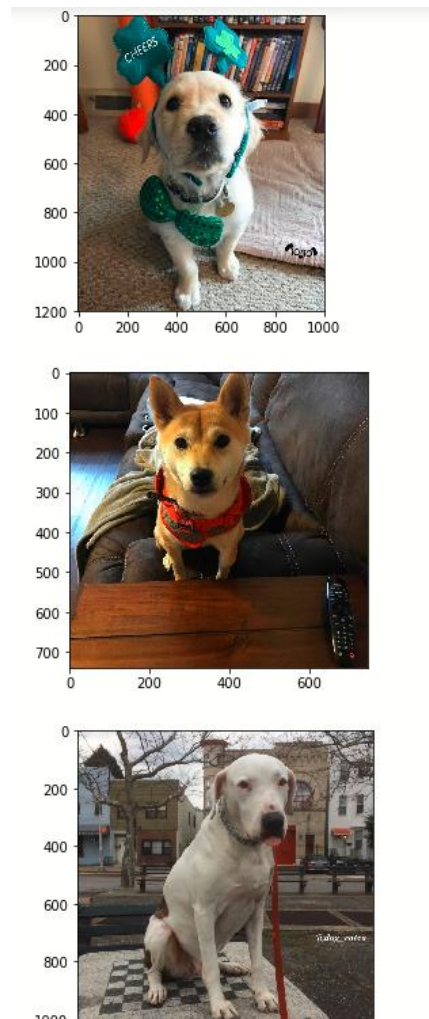
```
Charlie      11
Oliver       10
Lucy         10
Cooper       10
Penny         9
Tucker        9
Winston       8
Sadie         8
Toby          7
Lola          7
Daisy         7
Bella         6
Stanley       6
Jax           6
Bo            6
Koda          6
Chester       5
Louis         5
Leo           5
Buddy         5
Bailey        5
Rusty         5
Dave          5
Scout         5
Oscar         5
Milo          5
George        4
Scooter       4
Oakley        4
Winnie        4
```

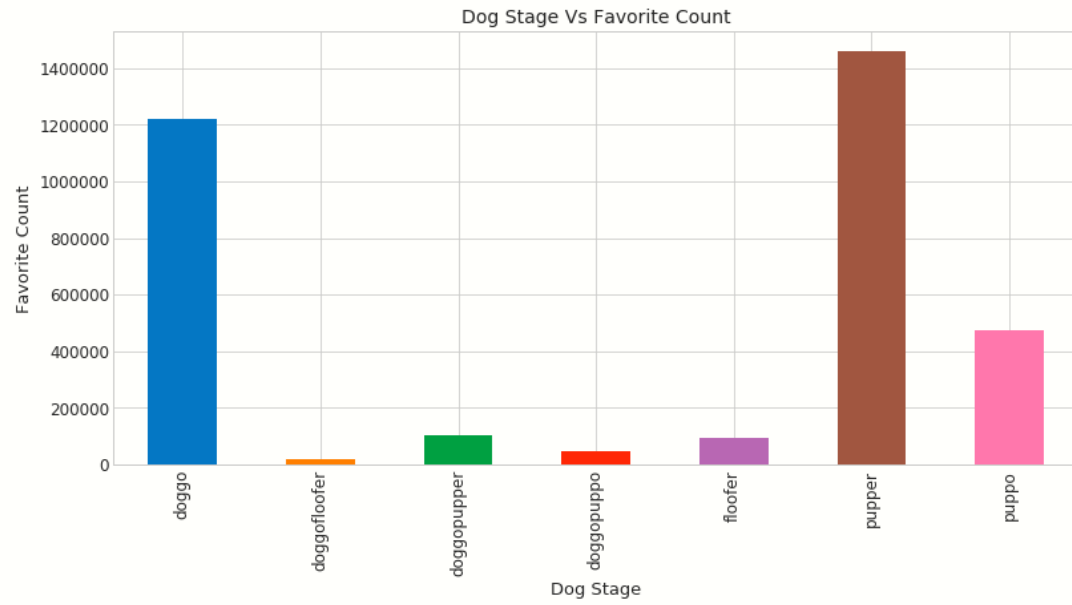Where we can see that Charlie is the most occur name for a dog.

Picture of the highest ratings for a dog with the name Charlie.

After knowing that the most common name for a dog is Charlie in this data frame I was curious about which of the 11 dogs with the name Charlie has the highest ratings and this was the result:

Most favorited dog stages.

For this one I used bar chart to help me see which of the dog stages is more favorited, this is the result:

Here we can see that pupper is the most favorited dog stage.