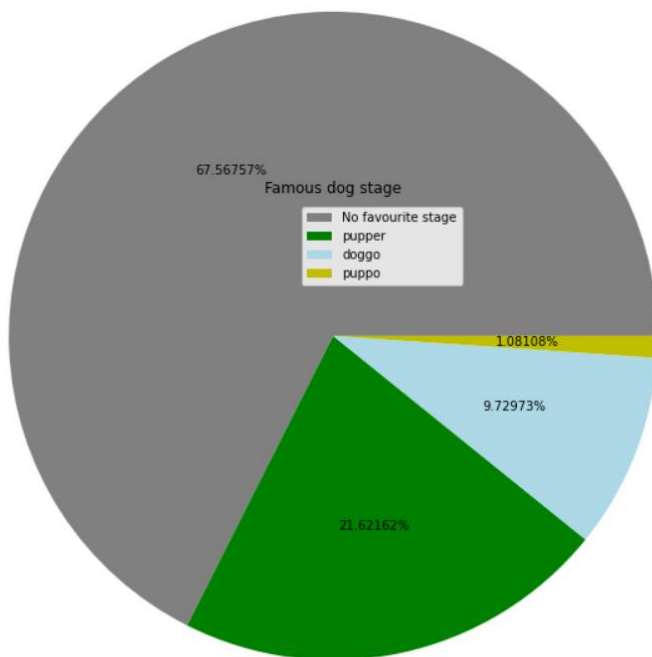# WeRateDogs insights and visualizations

The dataset used in this project is the tweet archive of a twitter account @dog_rates WeRateDogs, the report will document the steps of gathering, assessing, and cleaning the data.

Insights

1- What is the most famous dog stage?

As we can see in the figures above, dogs in their pupper stage are the most famous with a percentage of 21.62%, doggo stage takes the second place with a percentage of 9.72%, there is a huge gap between the first and second place.

```
pupper     125
doggo       40
puppo       18
floofer      2
Name: dogs, dtype: int64
```

2- What is the most common name for dogs?

```
Charlie      11
Lucy         10
Cooper       10
Oliver       10
Tucker        8
             ..
Fido          1
Emma          1
Spencer       1
Lilli         1
Christoper    1
```
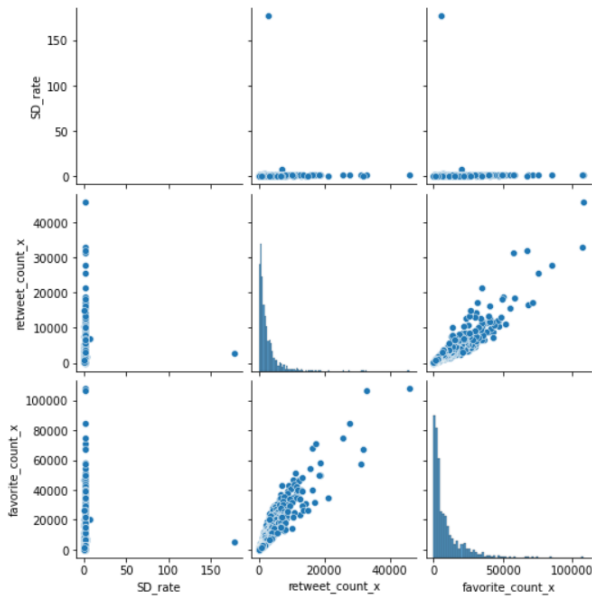
As shown in table, charlie is the most common name between all of the other names with 11 of freequency , followed by lucy.

3- What is the most popular dog?

```
Golden_retriever       87
Pembroke               64
Labrador_retriever     62
Chihuahua              58
Pug                    39
                       ..
Polecat                 1
Hand_blower             1
Handkerchief            1
Alp                     1
Box turtle              1
```

Golden_retriever takes the 1st place popular dog with 87 frequency, followed by pembroke with 64 of freequency.

Visualization

As shown, The correlation coefficient beteen **retweet_count_x** and **favorite_count_X** is 0.929604, which is close to 1 and positive demonstrating a strong positive correlation bewteen those two metrics.

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