Wrangling and Analyzing Data
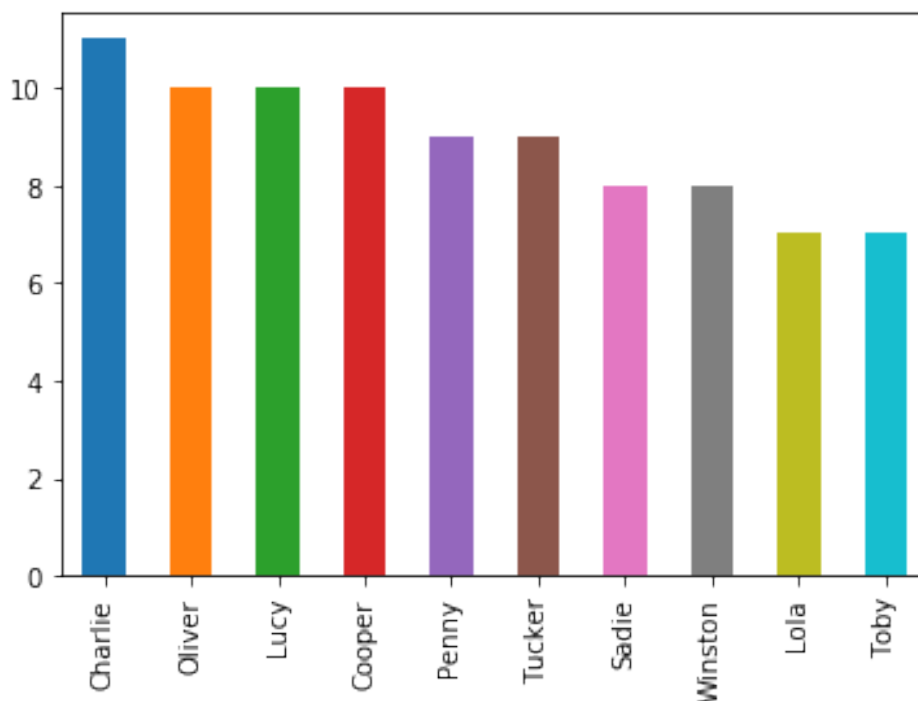
By Israel Imasuen: June 4, 2022

The goal of this study was to investigate data from the WeRateDogs Twitter account. The study aims to answer questions such as "Which name for a dog is the most popular among competitors, what stage has the highest value, and what stage favourite count has the highest mean?"

The investigation is centred on three primary components: 1. Names column from WeRate-Dogs. The top ten (10) names were chosen from a large number of dogs. 2. The second set of information comes from the dog stages table. 3. The third part is based on each dog stage's favourite count.

0.1.1 Analysis

Insight 1: What is the name of the most common dog in the data

```
Charlie     11
Oliver      10
Tucker      10
Cooper      10
Lucy        10
Penny       10
Bo           8
Lola         8
Winston      8
Sadie        8
```
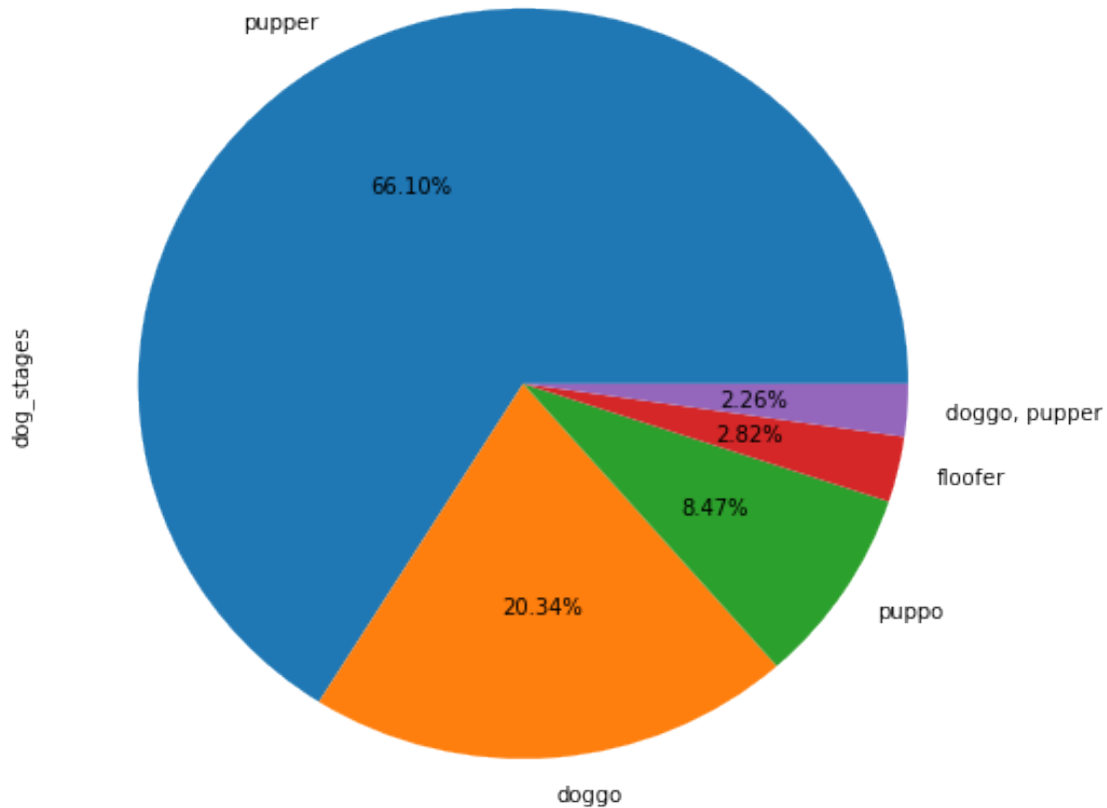
The most common dog name in this data is Charlie with value count of 11. Oliver, Lucy, and Cooper came second with count of 10 each, while Penny and Tucker came Third. These are the names among the top ten names.
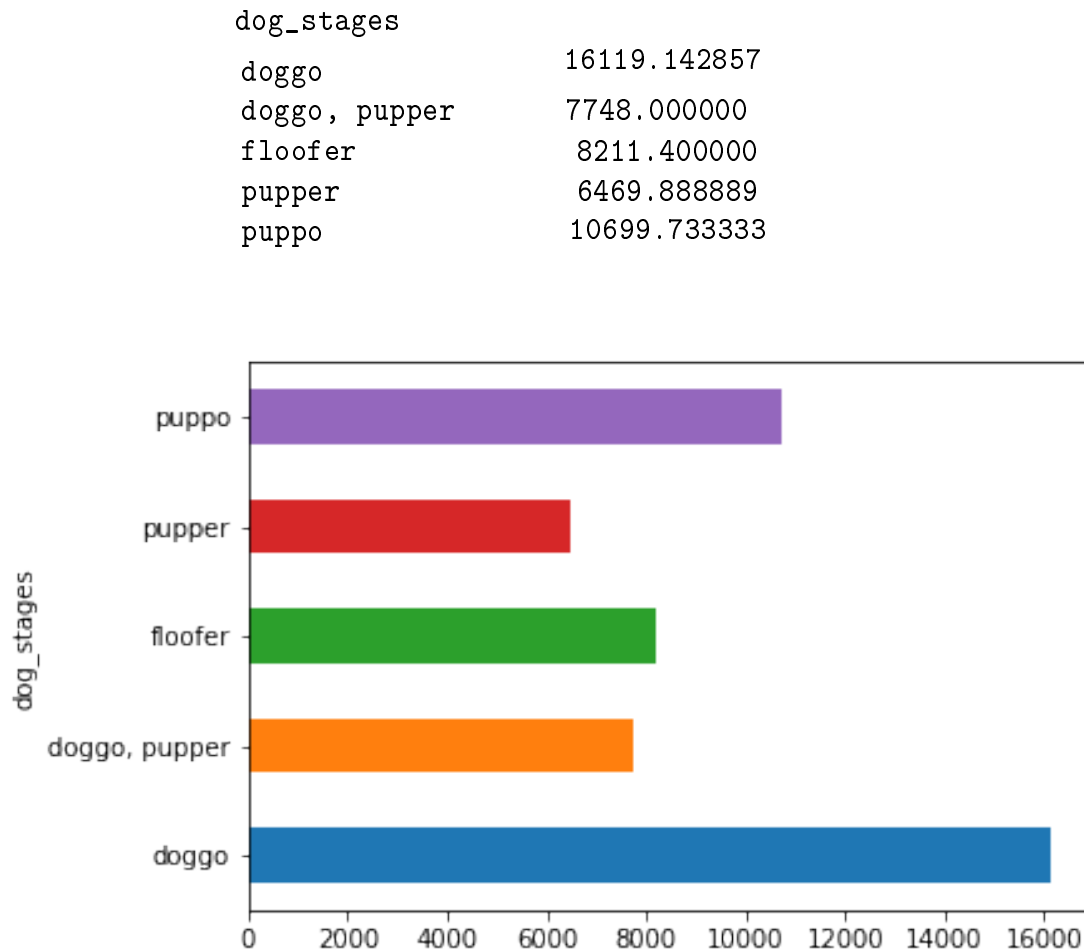
Insight 2: What stage has the highest number of dogs that partake in the tweet?

```
pupper          117
doggo            36
puppo floofer    15
                  5
doggo,pupper      4
```

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The dog state with the highest value counts is Pupper with 66.10% (117) of all the dogs that partake in the data. Doggo came second with 20.34% (36) while Puppo came third with 8.47% (15)

Insight 3: What stage favorite count has the highest mean?

```
dog_stages
doggo               16119.142857
doggo, pupper        7748.000000
floofer              8211.400000
pupper               6469.888889
puppo               10699.733333
```


Doggo has the highest mean of favorite count. Despite Pupper with the highest value count, The mean Pupper mean of favorite count fall behind that of doggo, but ahead of other stages.

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