

# Analysis and Visualization

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The project aim is to analyze cute dog pictures on [WeRateDogs](#) on Twitter. This report will show some statistics on `twitter_archive_master`, a comparison between dog stage, top hundred dog names and finally, the most favorited and retweeted dogs.

## Some statistics on `twitter_archive_master` data

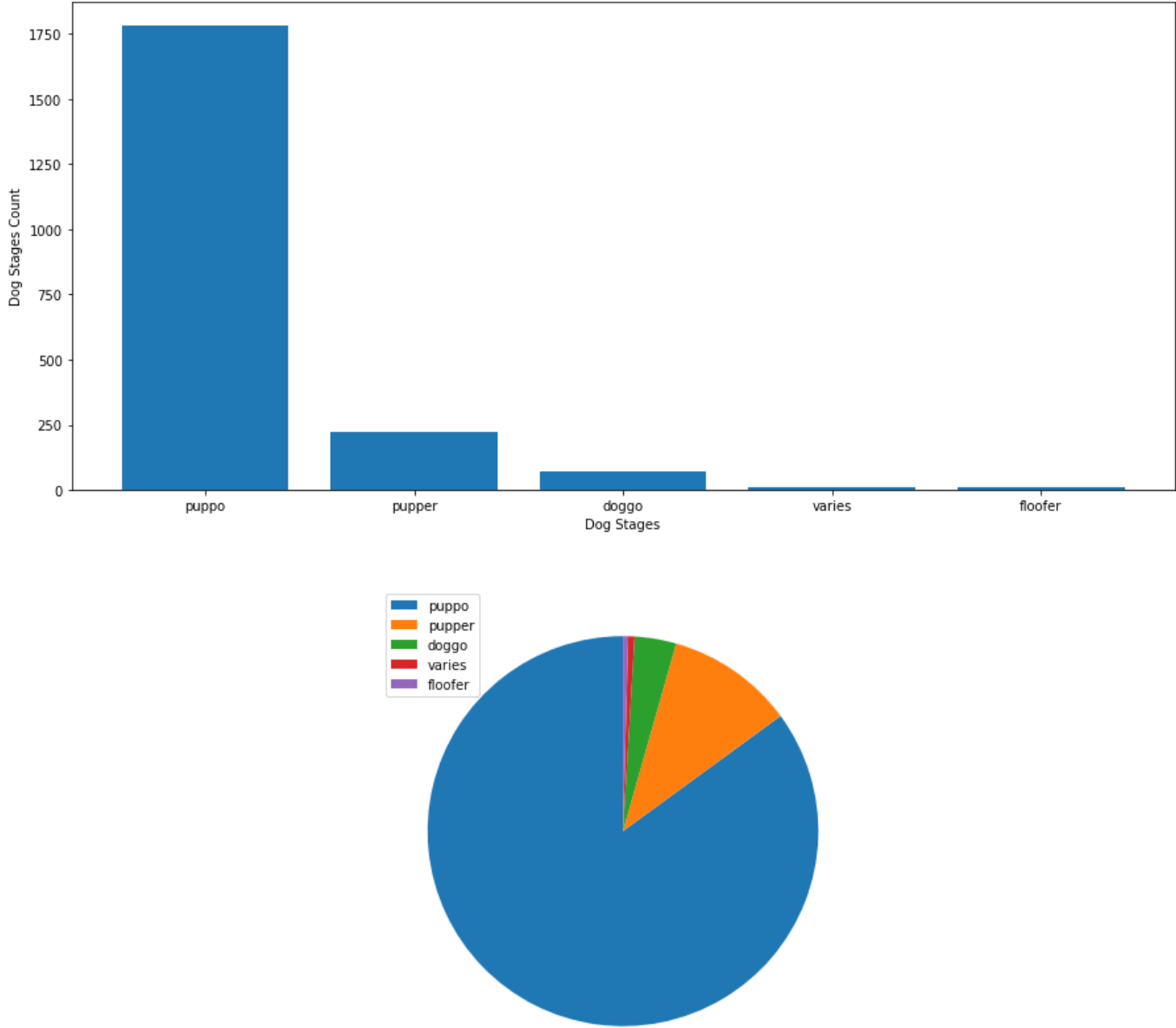
Variable	rating_numerator	retweet_count	favorite_count
count	2095	2095	2095
mean	11.71040	2841.18854	8972.55513
std	39.67644	4711.46003	12200.63061
min	1	16	81
25%	10	643.50000	2045.5
50%	11.0	1403.0	4195.0
75%	12.0	3285.0	11413.5
max	1776.0	79515.0	132810.0

## Comparison between dog stages

The most popular dog stage in this data set is "puppo" with count number 1782, follows it "pupper", then "doggo", and finally floofer. 11 entities have various dog stages.

Dog Stage	Count
puppo	1782
pupper	221
doggo	72
varies	11
floofer	9

A bar chart and a pie chart are made for this part of the analysis:



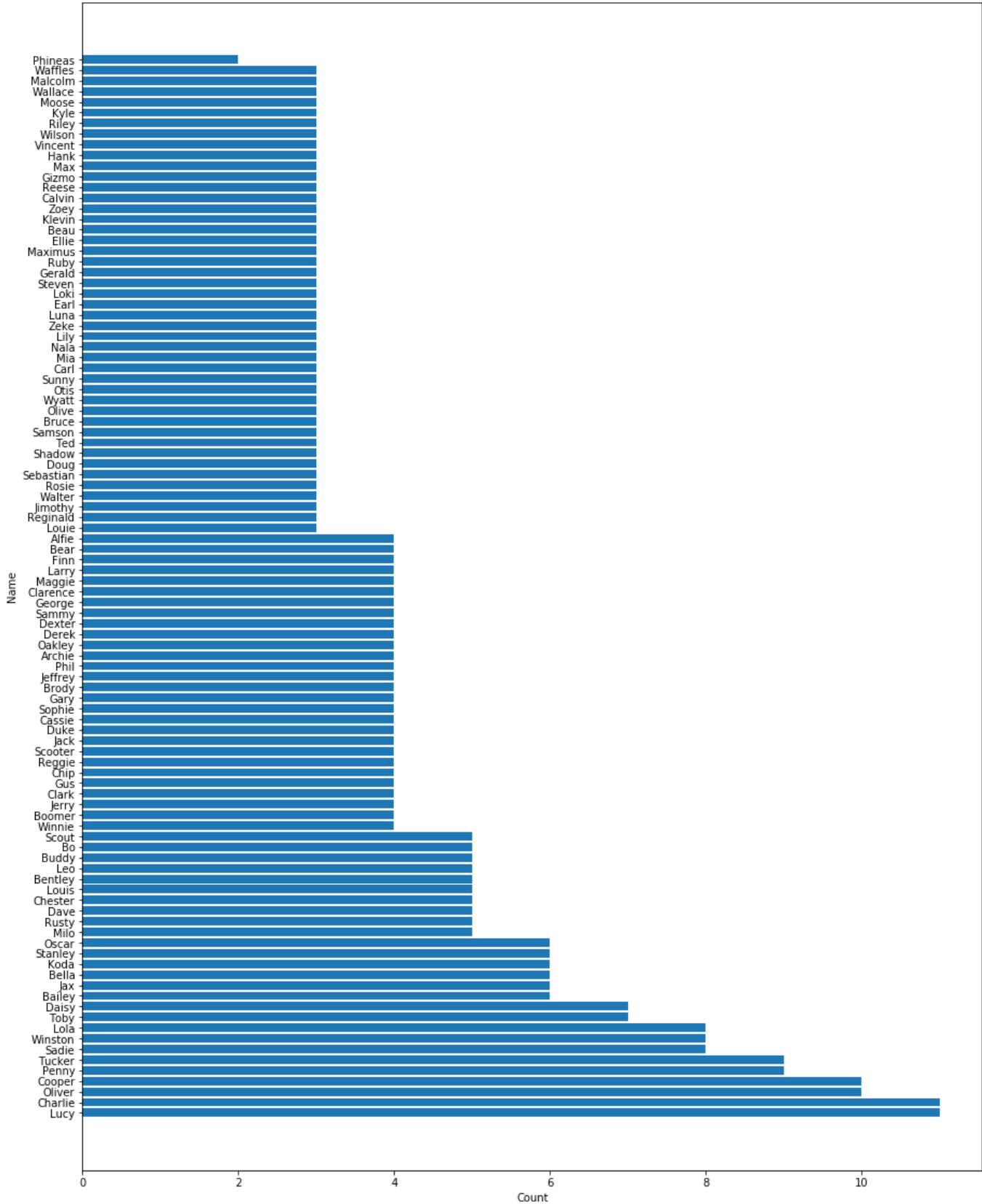
## Top 100 dog names

The most common names for dogs are "Lucie" and "Charlie", then the second most common are "Oliver" and "Cooper", then "Penny" and "Tucker".

Dog Name	Count
Lucy	11
Charlie	11
Oliver	10
Cooper	10
Penny	9
Tucker	9

Dog Name	Count
Sadie	8
Winston	8
Lola	8
Toby	7
Daisy	7

Here is a bar chart for the top 100 dog names:



## The Dog that has the most favorites counts

The dog that has the most favorite count is puppo dog with favorites count: 132810, and retweets count: 48265



## The Dogs that have most retweets counts

The dog that has the most retweets is Labrador retriever doggo with retweets count: 79515 and favorites count: 131075

