

# Analyzing and visualizing data Report

Udacity

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# WeRateDogs



WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

my project goal : wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations.

## Analyzing and Visualizing Data

**By analyzing and visualizing my wrangled data. I produced three (3) insights and one (1) visualization.**

**I've covered these Insights:**

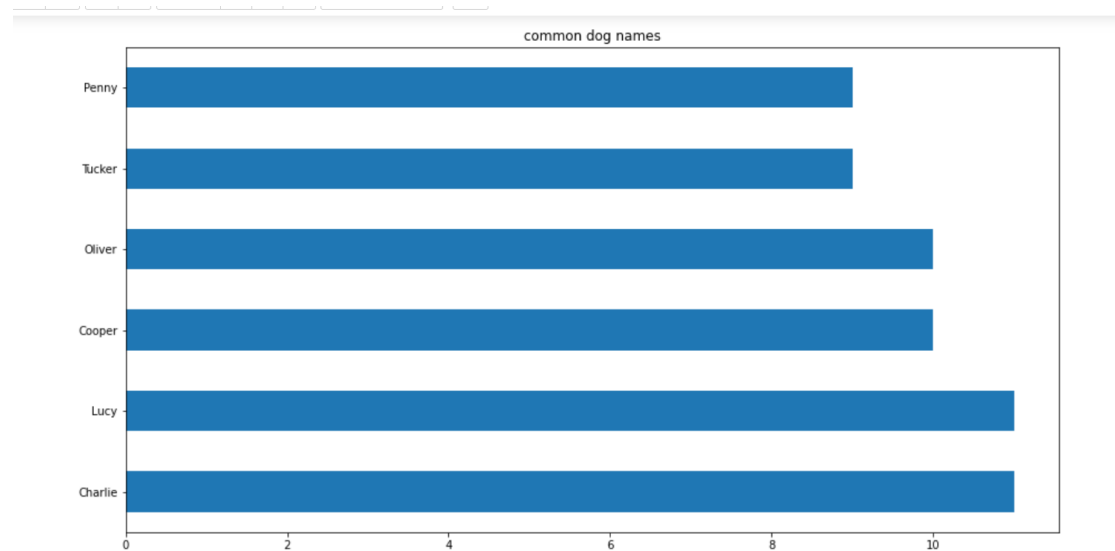
1. What is the common names of dogs?
2. What is the most stage of doges?
3. Which tweet that most retweeted one?

## What is the common names of dogs?

There are a lot of dog names, I find the most popular names is Charlie and Lucy the number of this names is 11

Then Cooper and Oliver the number of this names is 10

Then Tucker and Penny the number of this names is 9



As you see The first of the most popular dog names is Lucy and Charlie and Cooper and Oliver coming in the second most popular names.

## What is the most stage of doges?

Through my analysis I find that the doggo is the most stage of dogs, and the second most stage of dog is puppo, the third stage is floofer, and the last is pupper .

```
df_stage_of_dog = df.groupby('dogs_stage')['tweet_id'].count()
df_stage_of_dog
```

```
73]: dogs_stage
     doggo      84
     floofer     4
     pupper   244
     puppo     32
     Name: tweet_id, dtype: int64
```

## Which tweet that most retweeted one?

The tweet that most retweeted one get 79515 retweet and 131075 likes and 10 of 10 rating .

3. tweet that most retweeted one

```
: df[df['retweet_count'] == max(df['retweet_count'])]
```

[57]:

	tweet_id	timestamp	source_x	text	expanded_urls	rating_numerator	rating
860	744709971296780288	2016-06-20 01:54:27+00:00	href="http://twitter.com/download/iphone"	<a href="http://twitter.com/dog_rates/status/744709971296780288" data-bbox="548 598 584 638" style="display: inline-block; vertical-align: middle;">This is Harvey. He's stealthy af. 10/10 would ...	https://twitter.com/dog_rates/status/744709971296780288	10.0	

1 rows × 50 columns

```
: df.query('tweet_id == "744709971296780288").retweet_count
```

```
[61]: 860      79515.0
     Name: retweet_count, dtype: float64
```