

Insights Report



This project aims to exploit data from the Twitter page **WeRateDogs**, making synthesis out of it, thanks to analysis and visualization.

Data Wrangling

Through this project, we gathered, assessed, and cleaned data about the WeRateDogs Twitter page.

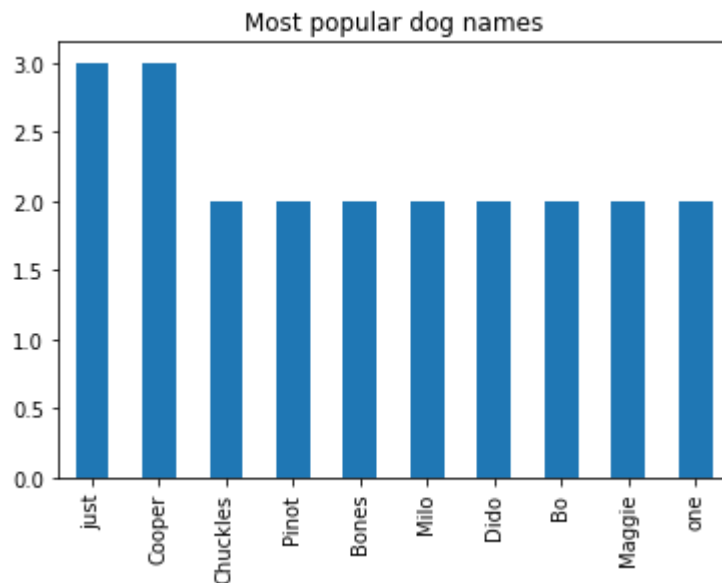
As a result, we obtained the "Dogs_data" dataset containing 317 entries and 10 columns:

- **tweet-id**
- **timestamp**: the time the tweet was published
- **source** of the tweets
- **text** published within the tweet
- **expanded_urls** of the tweets
- **name(s)** of dogs
- **rating_numerator** and **rating_denominator**: dogs' ratings out of 10
- **classifications** containing four **values** Doggo, Pooper, Floofer, and Pupper, which are dog stages

Visualizations and insights:

For a better comprehension of the dataset, we made visualizations out of it, and, we obtained the insights below as a result:

- Most popular dogs' names



Thanks to this bar plot, we deduced that Just and Cooper are the most popular dog names having the highest value_counts.

- The dog stage with the highest rating

	value	doggo	floofer	pupper	puppo
rating_numerator		74	8	212	23

Once grouped by their classifications (Doggo, Pooper, Floofer, and Pupper), we find that Puppies are the most rated dogs.

- The highest-rated dog

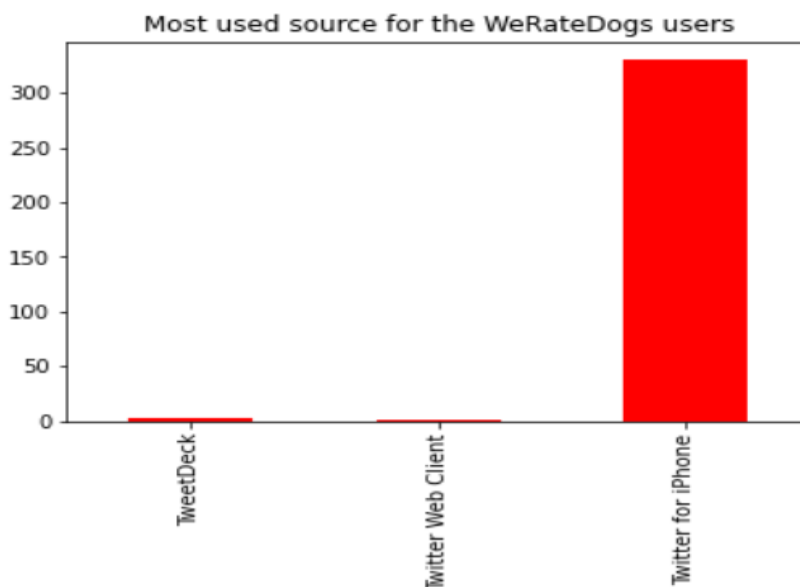
tweet_id	timestamp	source	text	expanded_urls	rating_numerator	rating_denominator	name	classification
778027034220126208	2016-09-20 00:24:34+00:00	Twitter for iPhone	This is Sophie. She's a Jubilant Bush Pupper.	https://twitter.com/dog_rates/status/778027034...	27	10	Sophie	pupper

After making a statistical analysis, we found that the highest rating is 27/10. Thus, we searched -by query method- for the most rated dog who's Sophie. She is a Jubilant Bush Pupper.

Sophie is the top-rated dog with a score of 27/10.



- Most used source for the WeRateDogs users



Being grouped by their Source, we visualized tweets through a bar plot to conduct their most used one (source).

We found out that Twitter for iPhone is the most used source by WeRateDogs users.