

# Data Wrangling project

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The dataset that you will be wrangling (and analyzing and visualizing) is the tweet archive of Twitter user @dog\_rates, also known as 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.

This archive contains basic tweet data (tweet ID, timestamp, text, etc.) for all 5000+ of their tweets as they stood on August 1, 2017. More on this soon.

## Questions:

*Ratings of dogs based on type*

*Best dog according to rating*

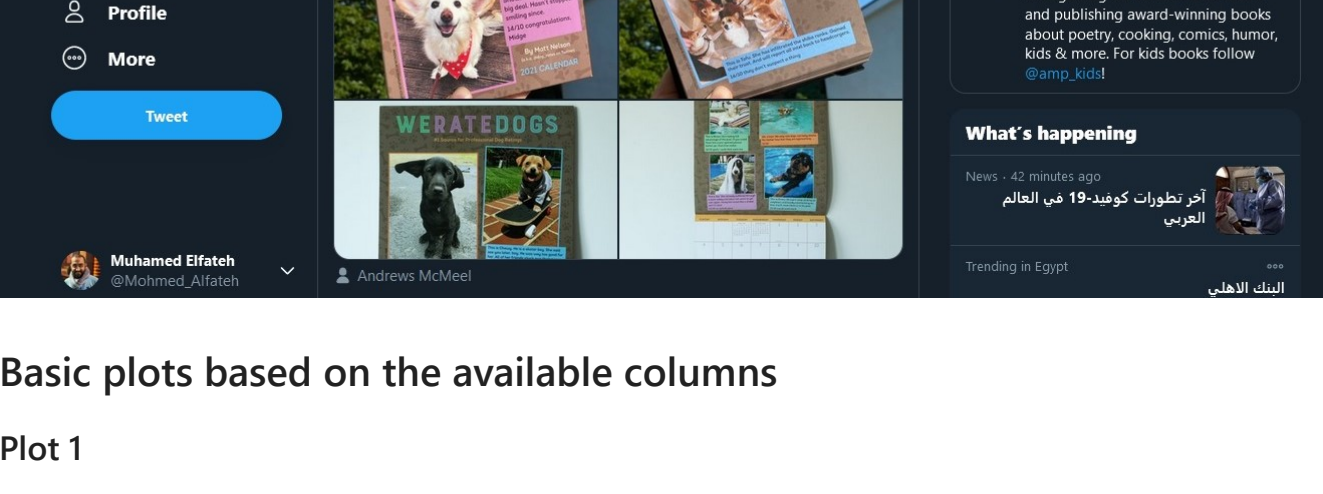
*Tweets based on hour of the day*

*Tweets based on the days of the week*

*Tweets based on month*

*The 10 most rated dog*

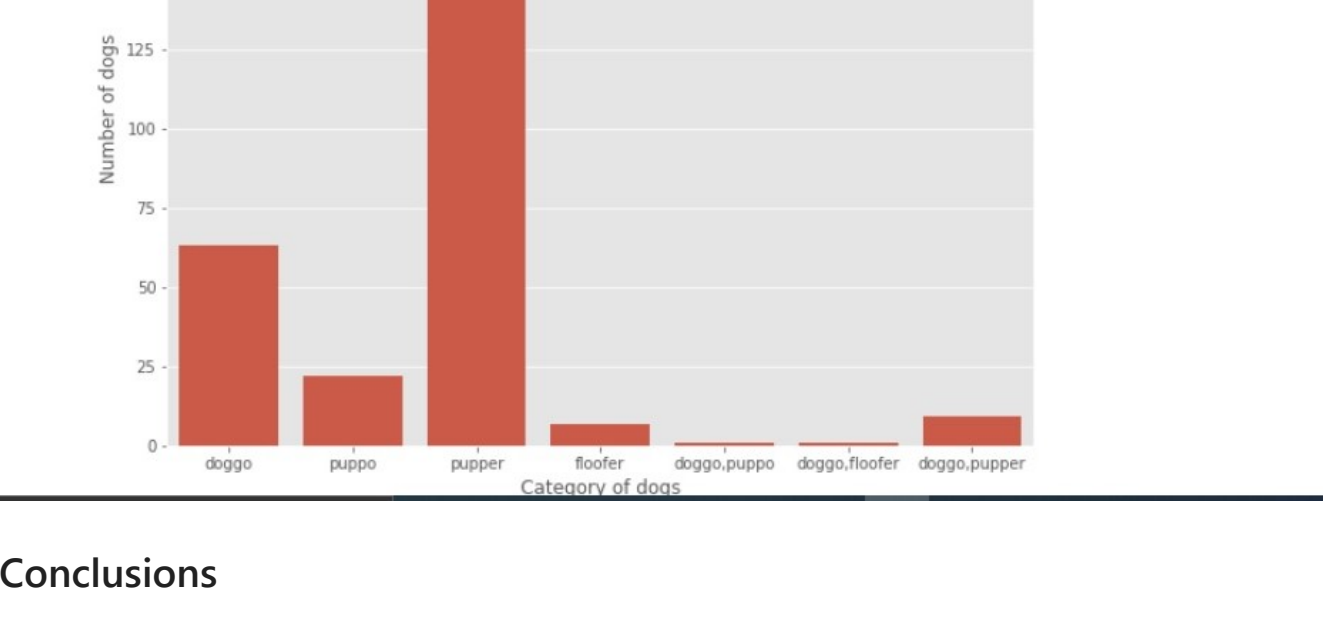
## Exploratory Data Analysis



## Basic plots based on the available columns

Plot 1

The most comon dogs

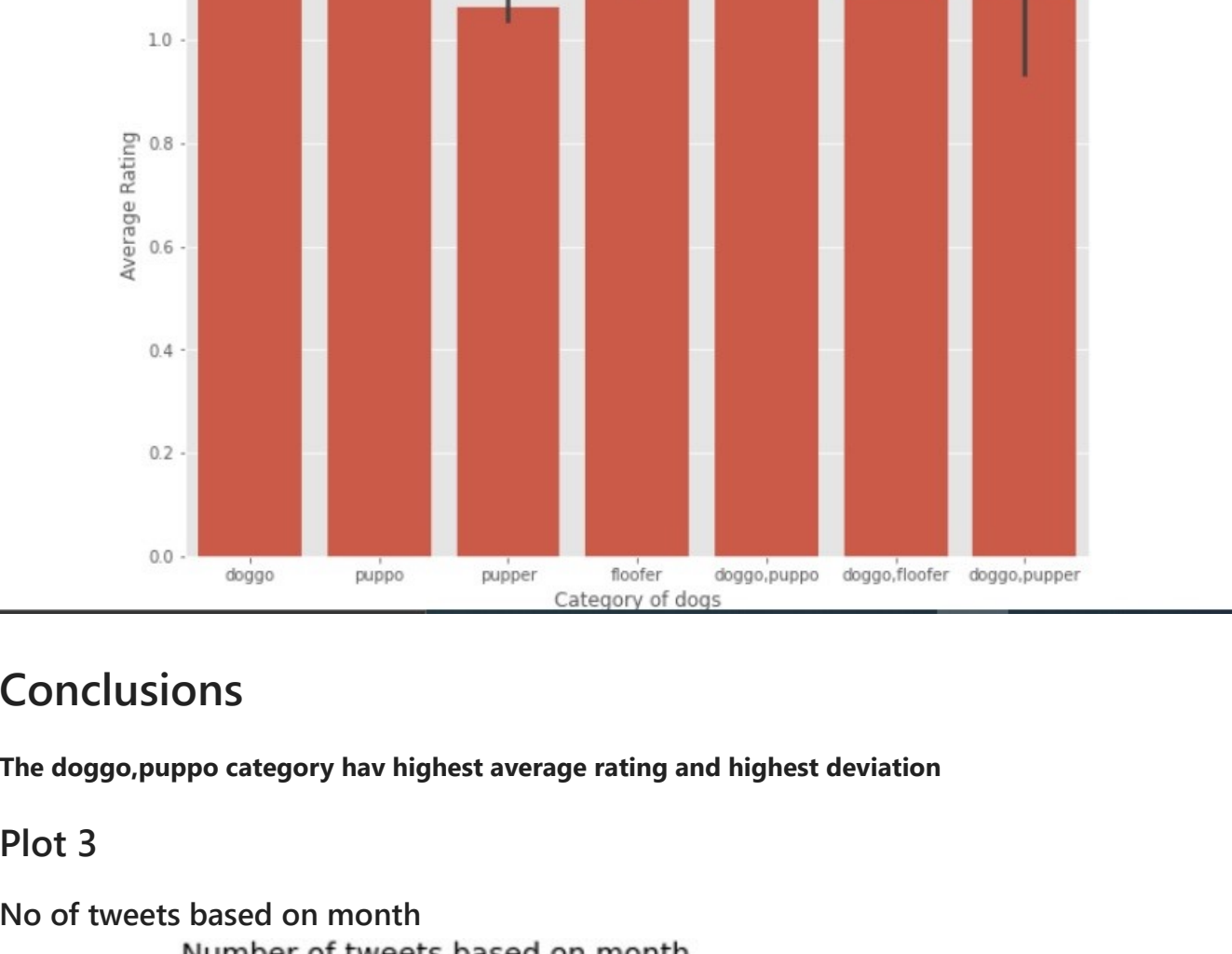


## Conclusions

The above graph shows that most of the dogs belong to pupper category. doggo,puppo and doggo,floofer has the least no of dogs

Plot 2

The average rating of dogs based on dog\_stage

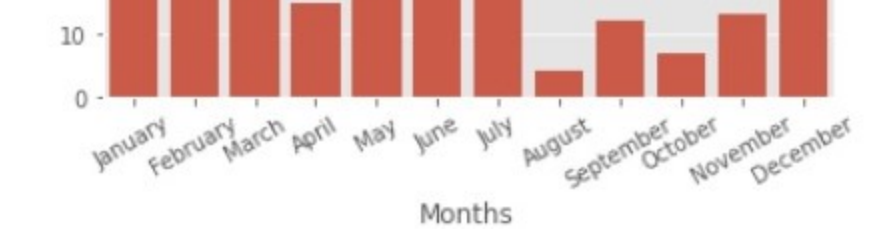


## Conclusions

The doggo,puppo category hav highest average rating and highest deviation

Plot 3

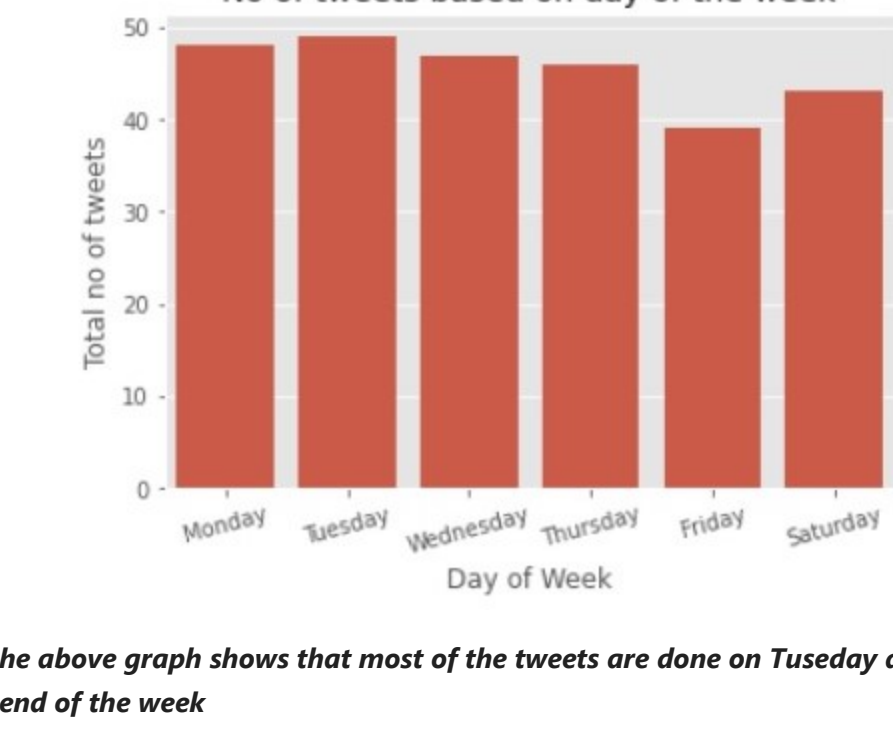
No of tweets based on month



The above plot shows that December and November are the months having he most no of tweets. August has the least no of tweets.

Plot 4

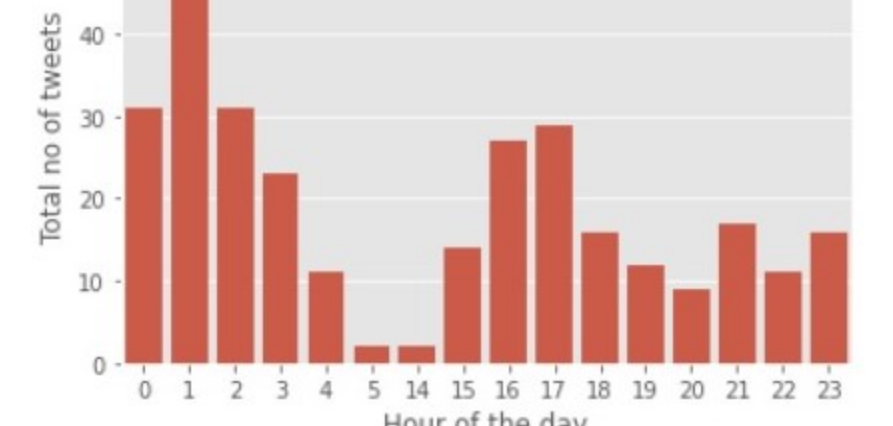
No of tweets based on the day of the week



he above graph shows that most of the tweets are done on Tuseday and gradually decreasing by the end of the week

Plot 5

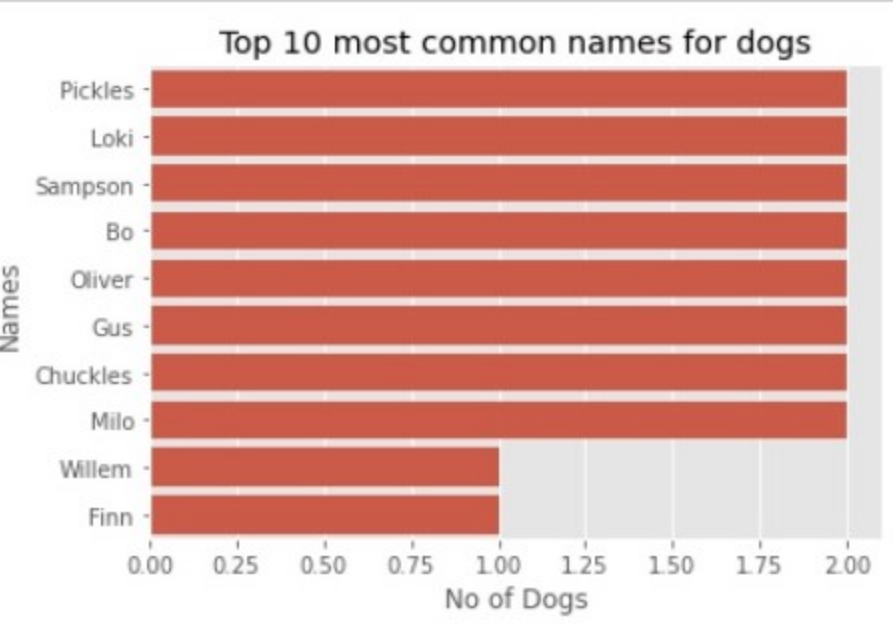
No of tweets based on hour of the Day



The above graph shows that most of the tweets are done early in the morning or in the evening. The time between 5AM and 2PM has the least number of tweets

Plot 6

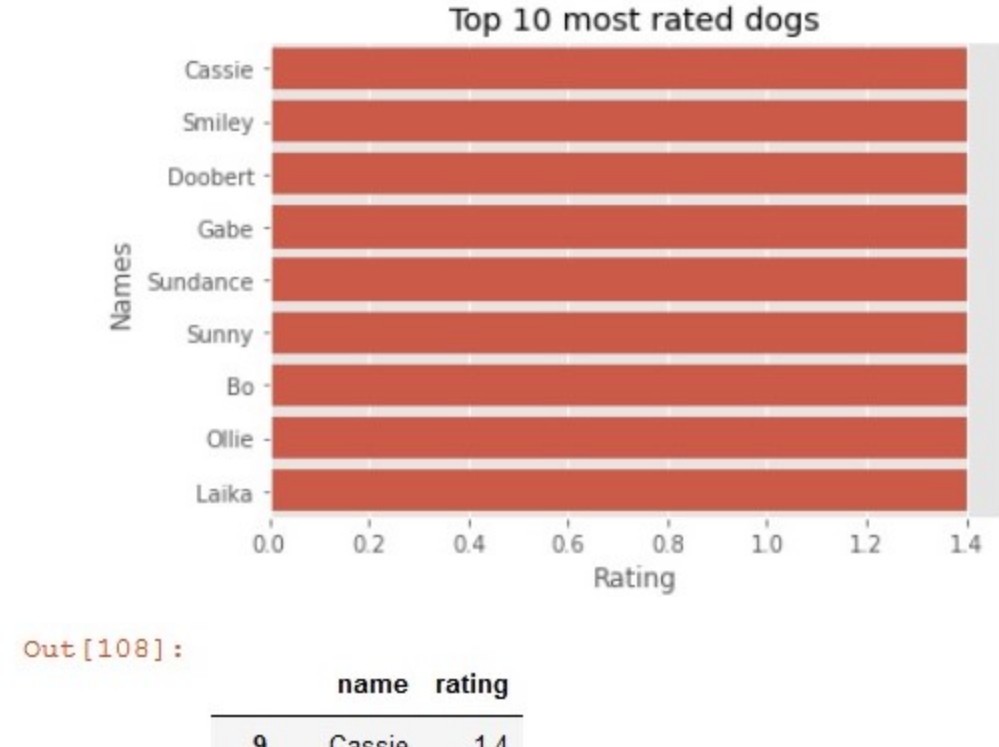
Top 10 most common names of Dogs



The above graph shows that the most common names used for dogs is Pickles , Loki and Sampson followed by Bo, Penny and others

Plot 7

Top 10 most rated dogs



Out[108]:

	name	rating
9	Cassie	1.4
253	Smiley	1.4
278	Doobert	1.4
313	Gabe	1.4
318	Sundance	1.4
332	Sunny	1.4
333	Bo	1.4
399	Ollie	1.4
455	Laika	1.4

The highest 10 dogs rate Cassie , Smiley ,Doobert,Gabe,Sundance,Sunny,Bo,Ollie,Laika

Plot 8

Pi char

The most common dog



Pupper is the most common dog in dog\_stage