

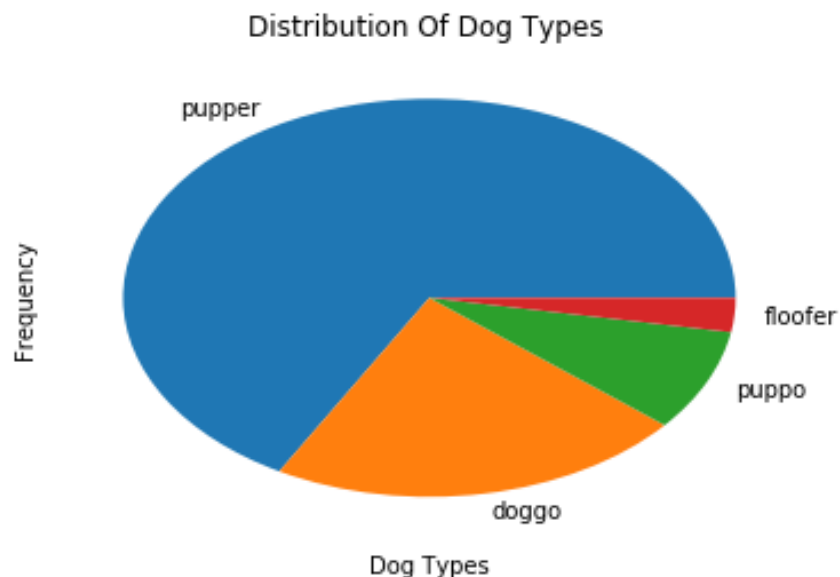
## WeRateDogs Insights and visualization report

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.

The goal to be done after wrangling : WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations. The Twitter archive is great, but it only contains very basic tweet information. Additional gathering, then assessing and cleaning is required for "Wow!"-worthy analyses and visualizations.

After analyzing the data, I found out some interesting insights and visualizations discovered form the WeRateDogs :

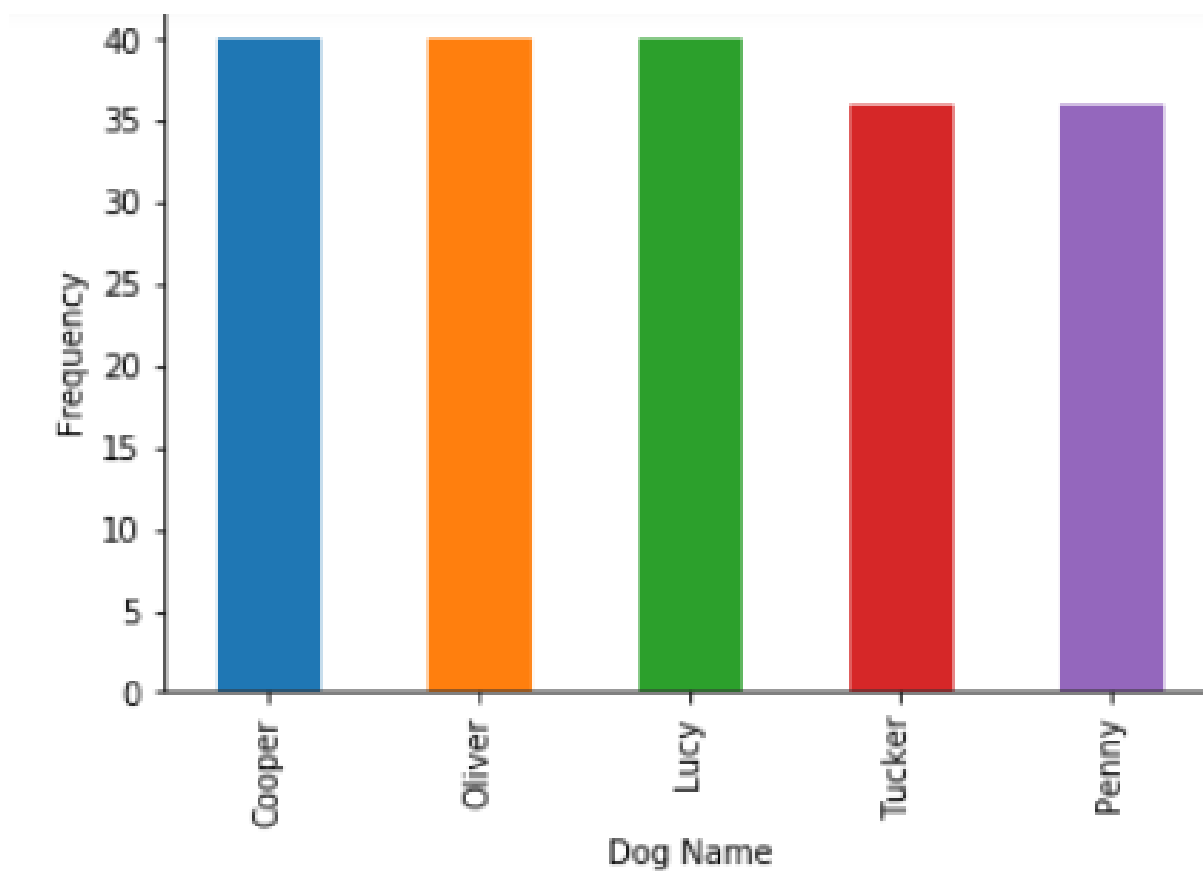
- ✚ The pie chart below could show that the most people tweeted images are for "pupper" dog type.



## Insight 1 #

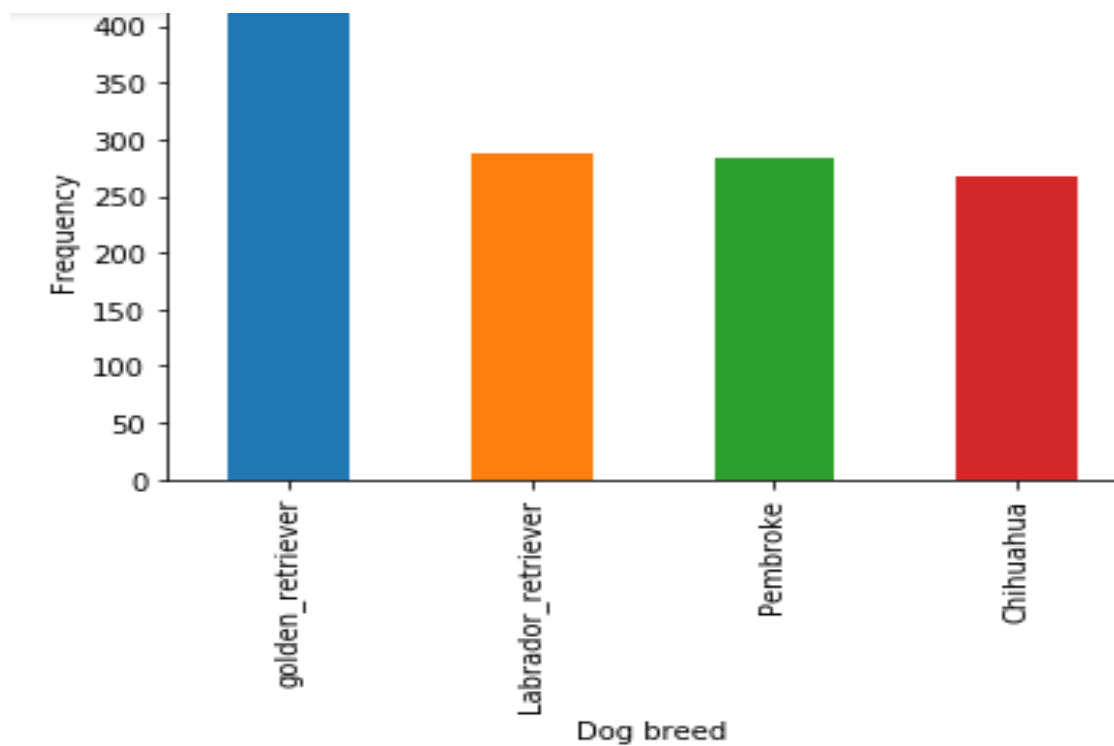
This figure shows the dog names's popularity.

- ✚ This could be helpful if any dogs event and you would like to give some nice gifts with dog name. It would be nice.



## Insight 2#

✚ The figure below shows that the Golden retriever is the top dog breed predicted.



## Insight 3#

This insight shows the most used rating's source application.

✚ Almost 98% of the people's dog ratings are done using twitter on iphone.

## Insight 4#

This insight shows the most predicted dog's type.

- ✚ Almost 66% of the predicted dogs is “pupper” this could tell that they share similar characteristics.

## Insight 5#

The figure below shows the correlation between variables.

- ✚ The strongest correlation is between variable retweets and variable favorites which is (0.922).

```
tweet_id          0.466875
in_reply_to_status_id  NaN
in_reply_to_user_id  NaN
img_num           0.126660
retweets           1.000000
favorites          0.921692
rating_ratio      -0.339295
confidence         0.061432
Name: retweets, dtype: float64
```