

Introduction

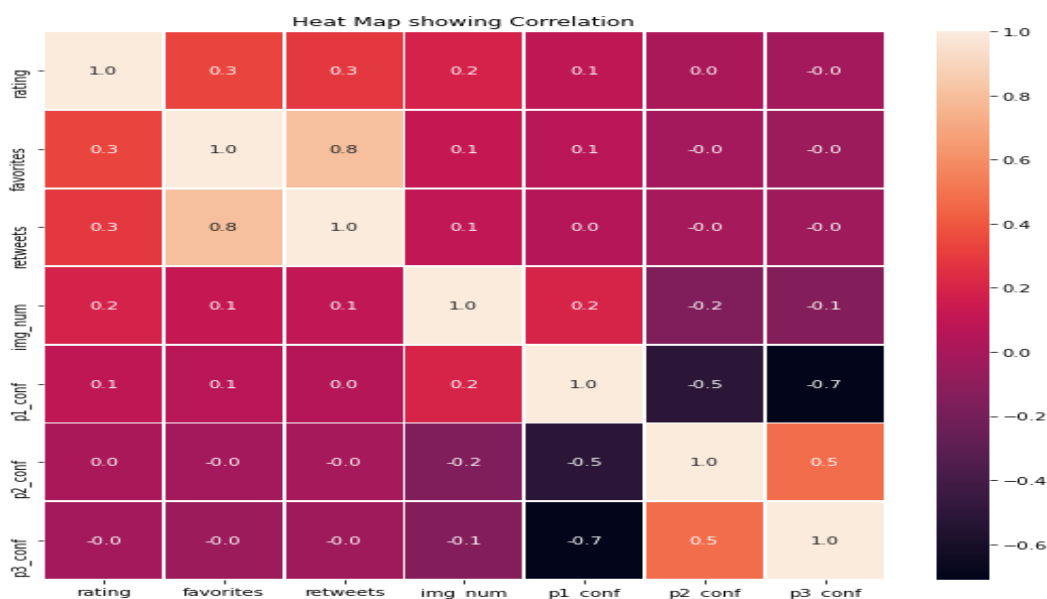
Data collection from three sources was collected and analysed based on a WeRateDogs Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student Matt Nelson and has received international media([Wikipedia](#)). Following the analysis, we came with some insight into data for your reading pleasure.

Data analyses and visualizations

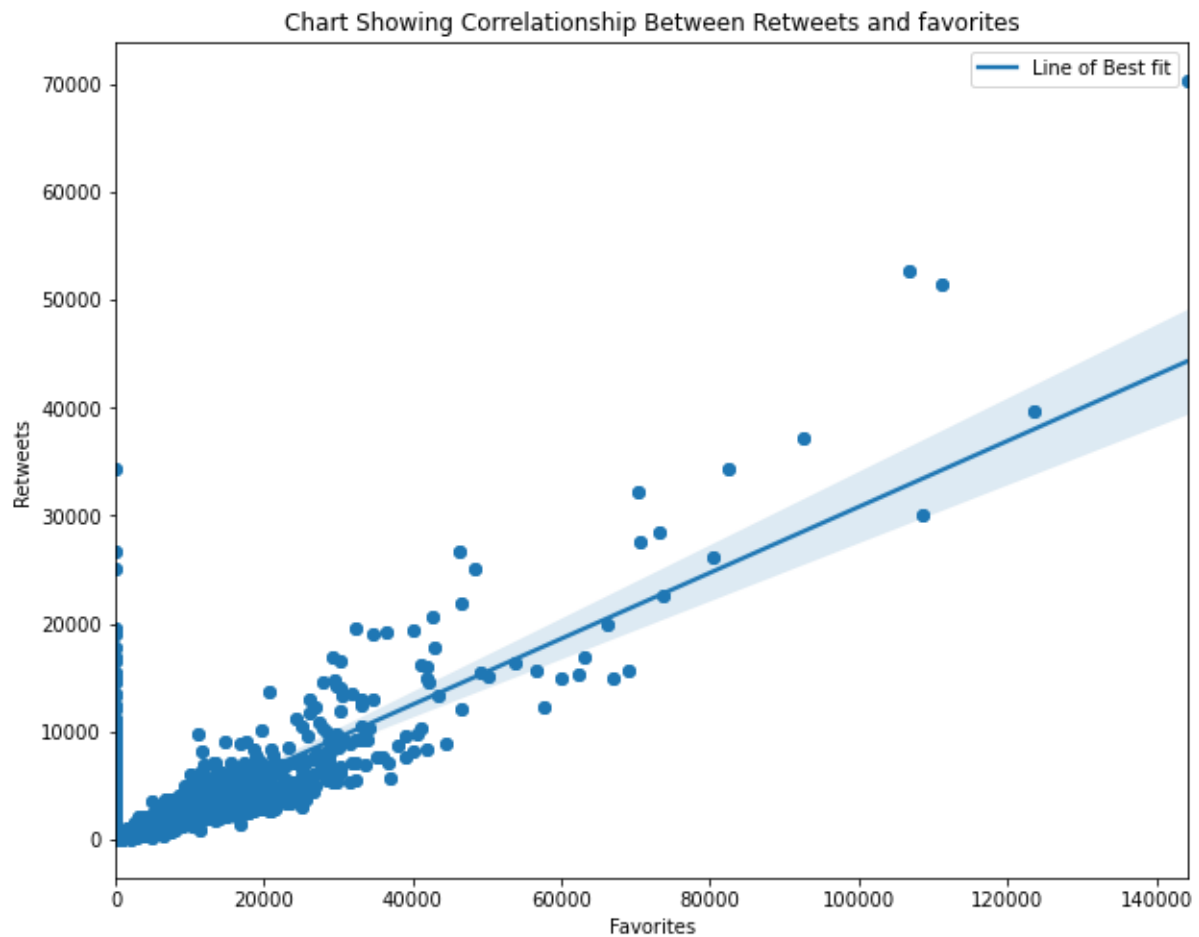
	rating	favorites	retweets	img_num	p1_conf	p2_conf	p3_conf
count	2097.000000	2089.000000	2089.000000	1971.000000	1971.000000	1971.000000	1971.000000
mean	11.703573	7750.666826	2293.539014	1.201928	0.594558	0.134585	0.060166
std	39.763207	11288.441074	4019.846308	0.559020	0.272126	0.101053	0.050942
min	0.000000	66.000000	11.000000	1.000000	0.044333	0.000000	0.000000
25%	10.000000	1711.000000	509.000000	1.000000	0.363091	0.053398	0.016081
50%	11.000000	3524.000000	1110.000000	1.000000	0.587764	0.117397	0.049444
75%	12.000000	9647.000000	2609.000000	1.000000	0.847827	0.195566	0.091538
max	1776.000000	144273.000000	70344.000000	4.000000	1.000000	0.488014	0.273419

The descriptive statistics above shows that on average dogs have a rating score of 11. However, 75% of them are rated 12 with the maximum been 1776. The favorite tweet count has a maximum of 144273 while the minimum is 0, and retweets in the maximum of 70344 and a minimum of 11 retweet.

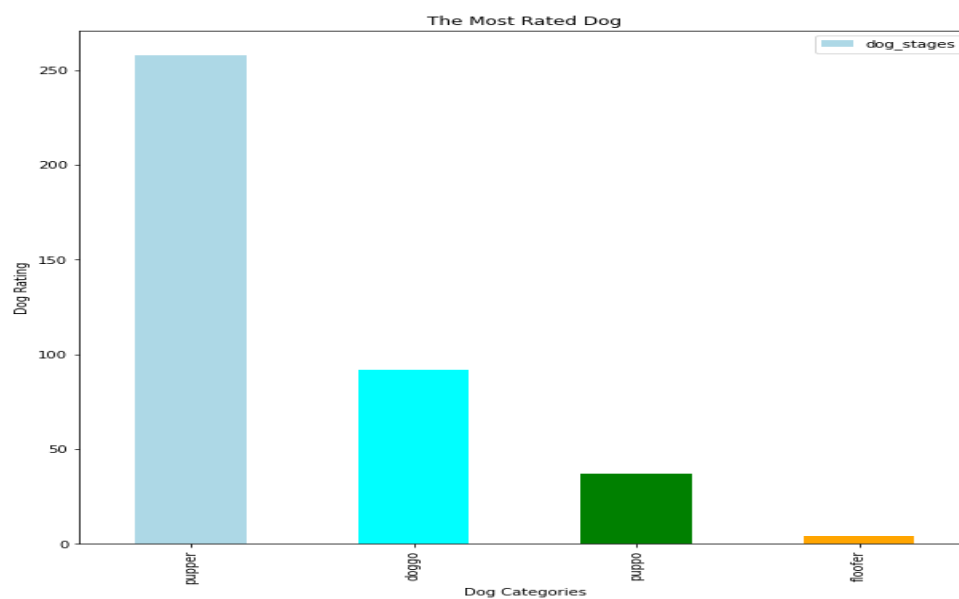
Correlation



In the heat map above, we can see a strong correlation between favorites and retweets, negative correlation is seen between p1 and p3, and between p1 and p2.

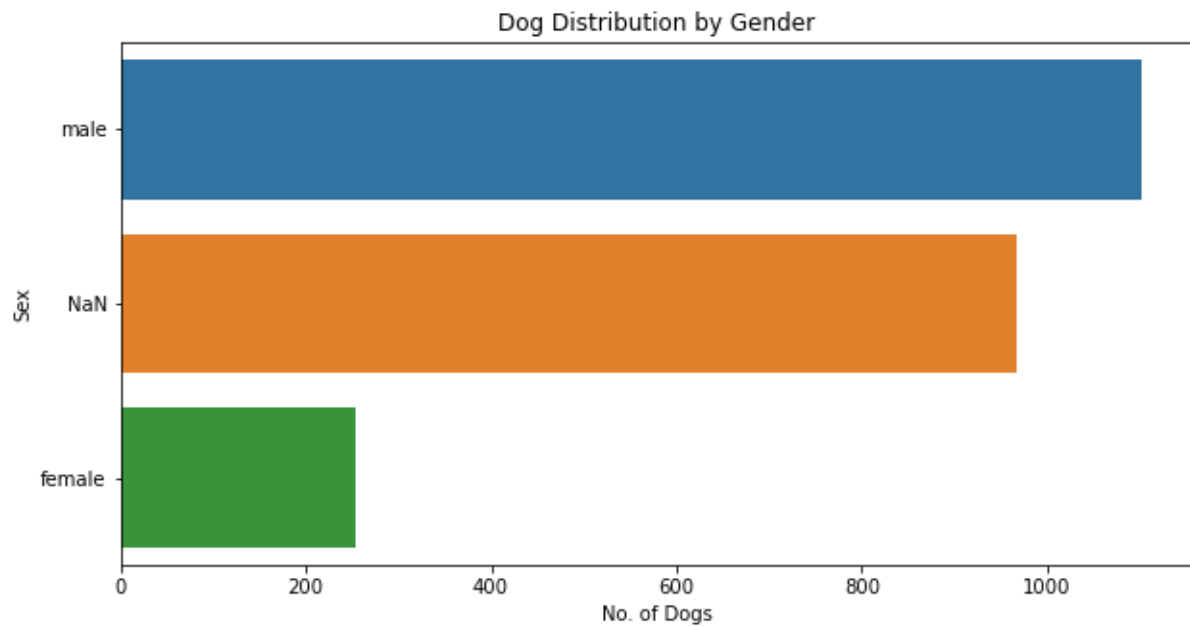


What categories of Dog have the highest rating?



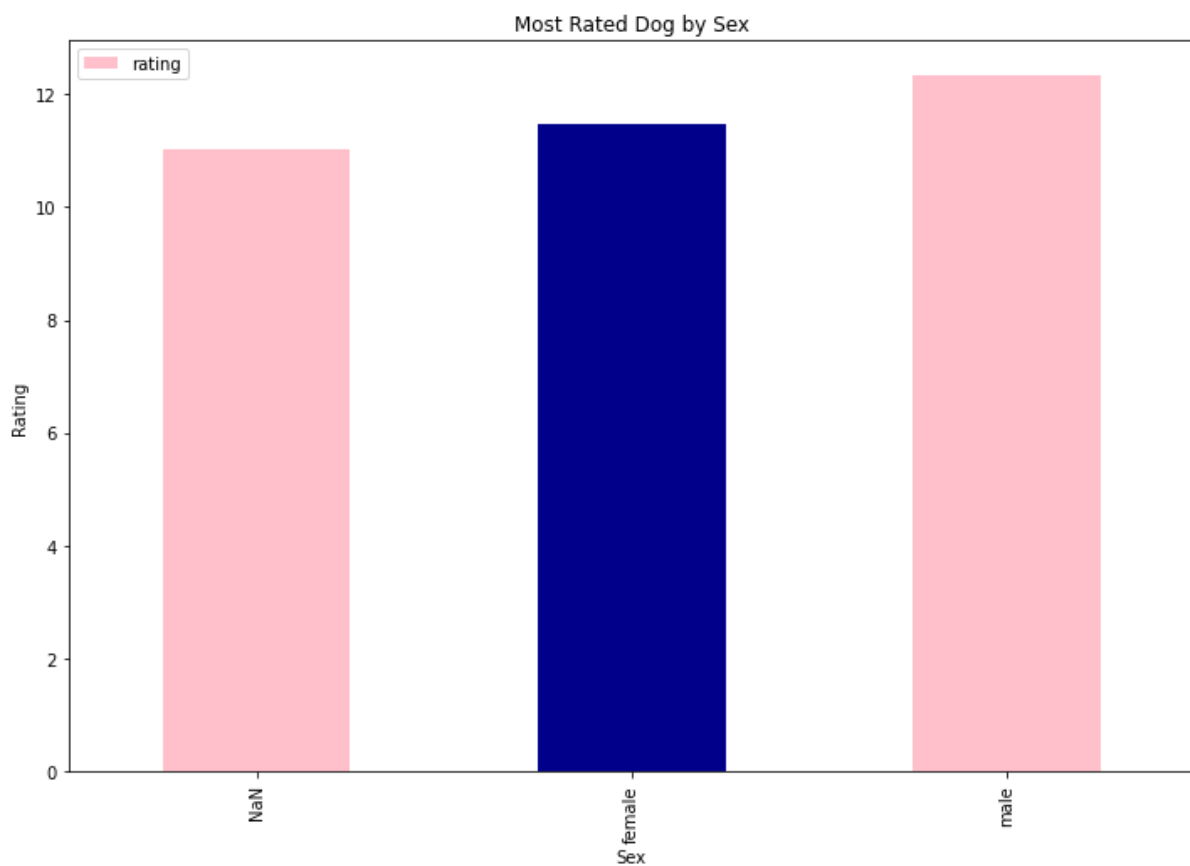
Pupper dog category has the highest rating with a score of 258.

What Gender of Dog Dominated the Data set?

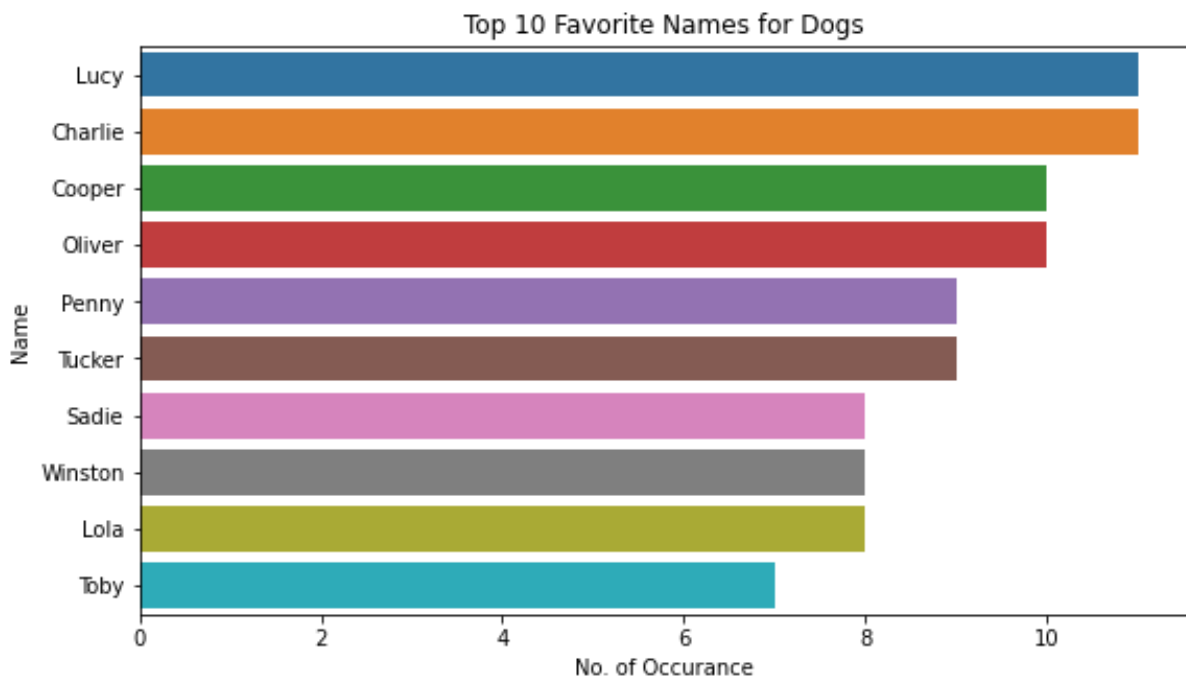


Male dogs dominated the dataset, with a good number of the gender not known.

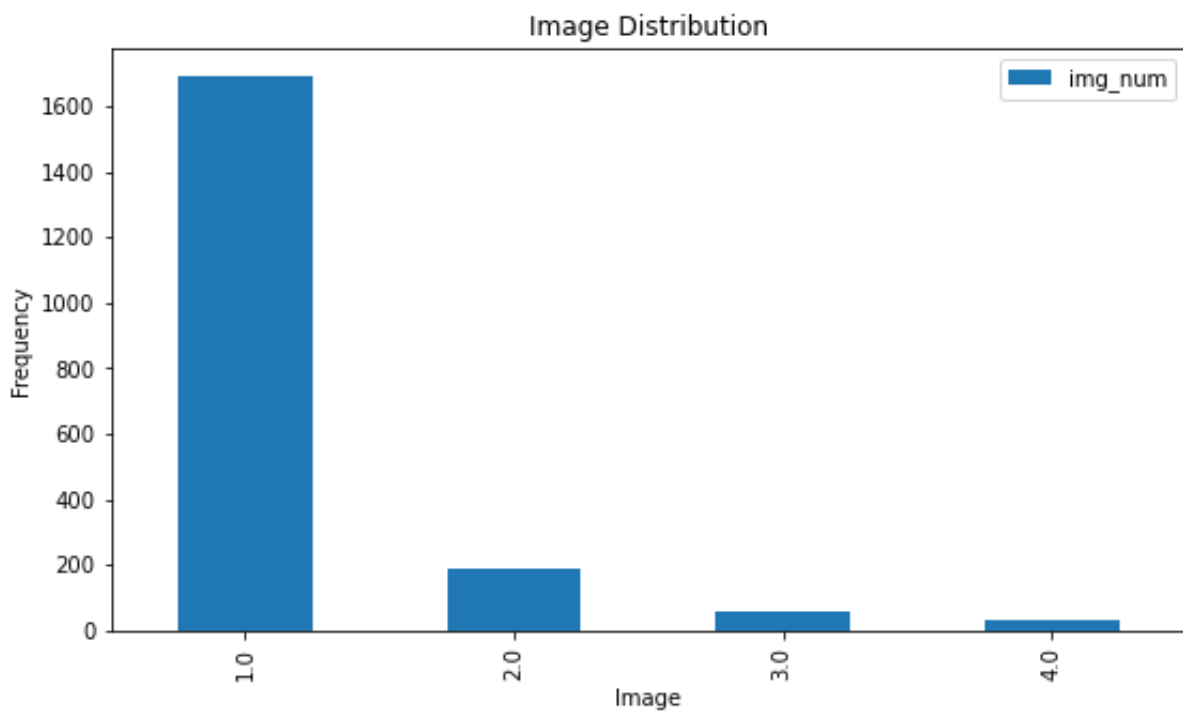
What Gender of Dog is Rated Most?



Male Dogs are slightly rated higher than their Female counter.

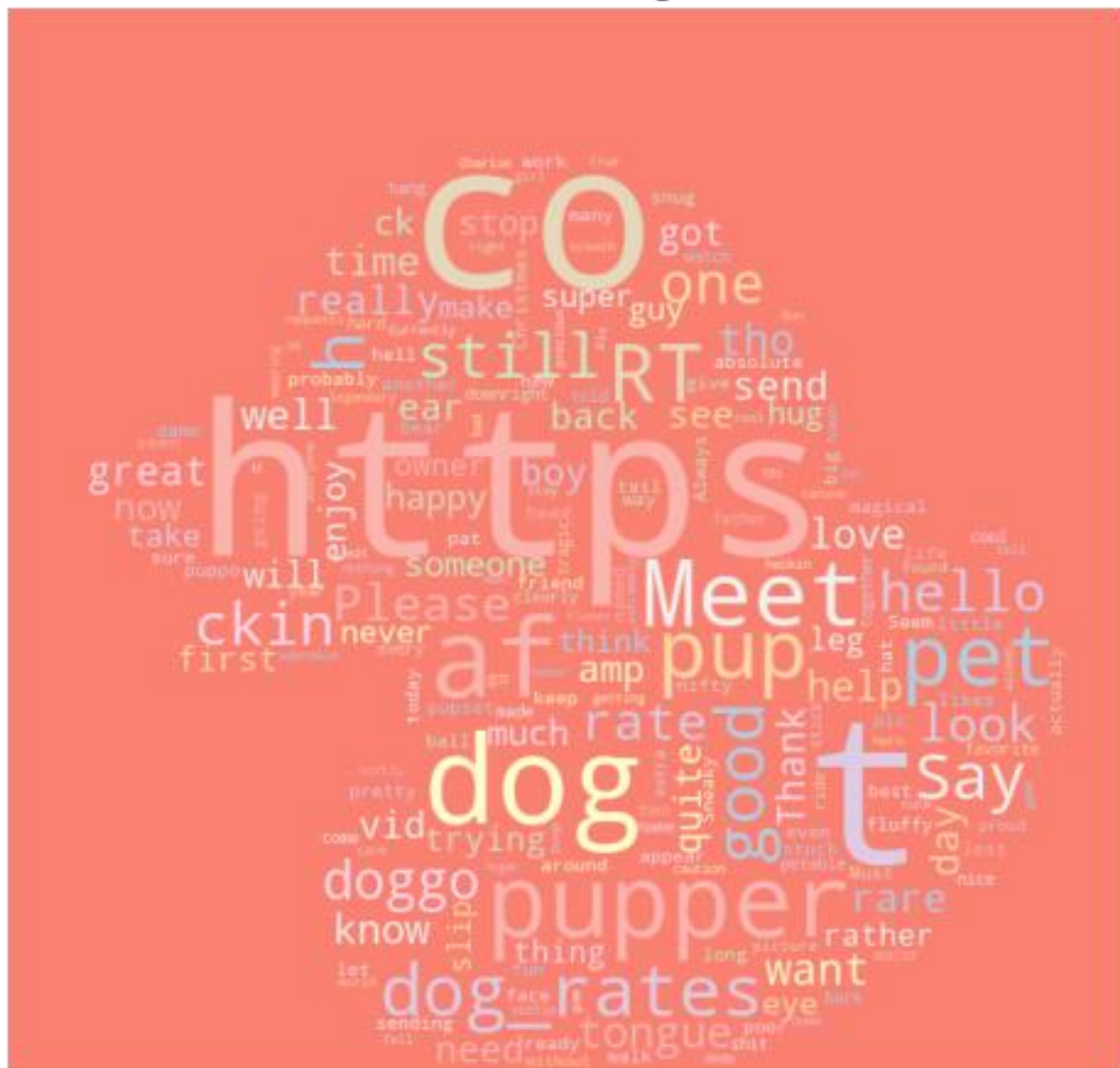
What is the favourite Name for Dog?

Lucy and Charlie are favourite dog names.

What image of Dog occurred most in the distribution?

The Statistics above shows that the image appeared most at a confidence level of 1.

We Rate Dogs



Dog Name Wordcloud