

We Rate Dogs Review

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Introduction:

WeRateDogs is a 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 attention both for its popularity.

Scope:

The following analyses, tables and plots, are created with the cleaned data. The variables that are used primarily - rating, timestamp, retweet_count, favorite_count and dog_type.

time range for tweets:

From ('2015-11-15 22:32:08'), To ('2017-08-01 16:23:56'))

Outcome from analysis and results:

Could be presented as answering for the questions as following:

What is the most favorites tweet to date? Top 5?

Year	RATING_NUMERATOR	RETWEET_COUNT	FAVORITE_COUNT	BREED
2016	13	76250	153884	Labrador_retriever
2016	13	76250	153884	Labrador_retriever
2016	13	76250	153884	Labrador_retriever
2016	13	76250	153884	Labrador_retriever
2017	13	42966	131276	Lakeland_terrier

What is the most retweeted tweet to date? Top 5

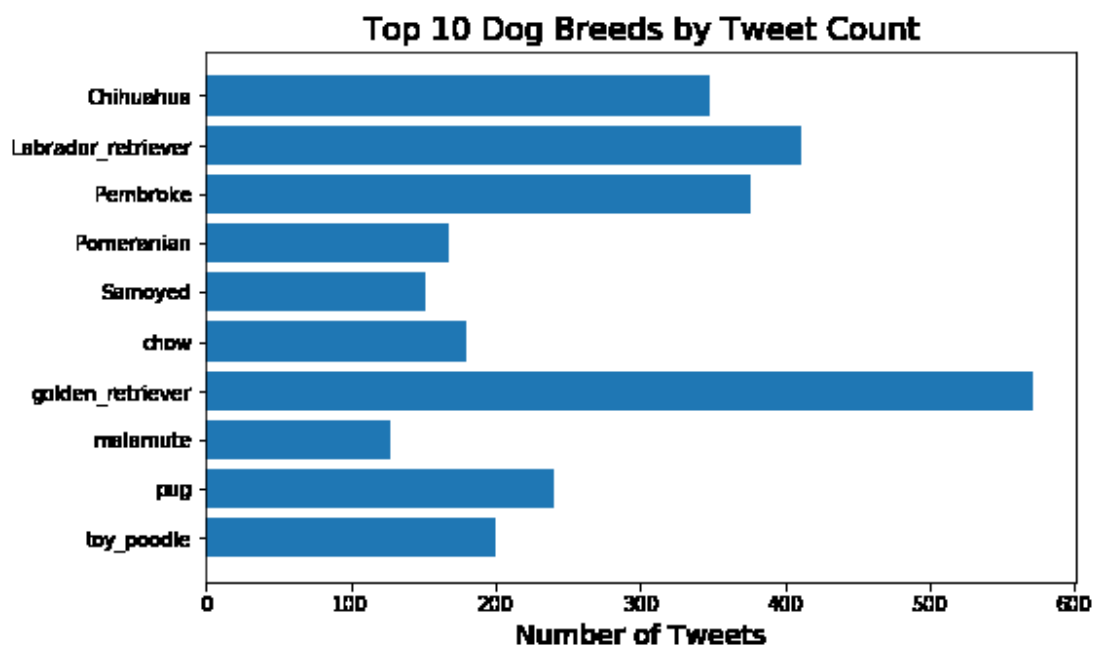
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2016	13	76250	153884	Labrador_retriever
2016	13	56703	113792	Eskimo_dog

What are the 10 most common breeds of dogs tweeted about?

Breed and number of tweets

golden_retriever	572
Labrador_retriever	412
Pembroke	376
Chihuahua	348
pug	240
toy_poodle	200
chow	180
Pomeranian	168
Samoyed	152
malamute	128

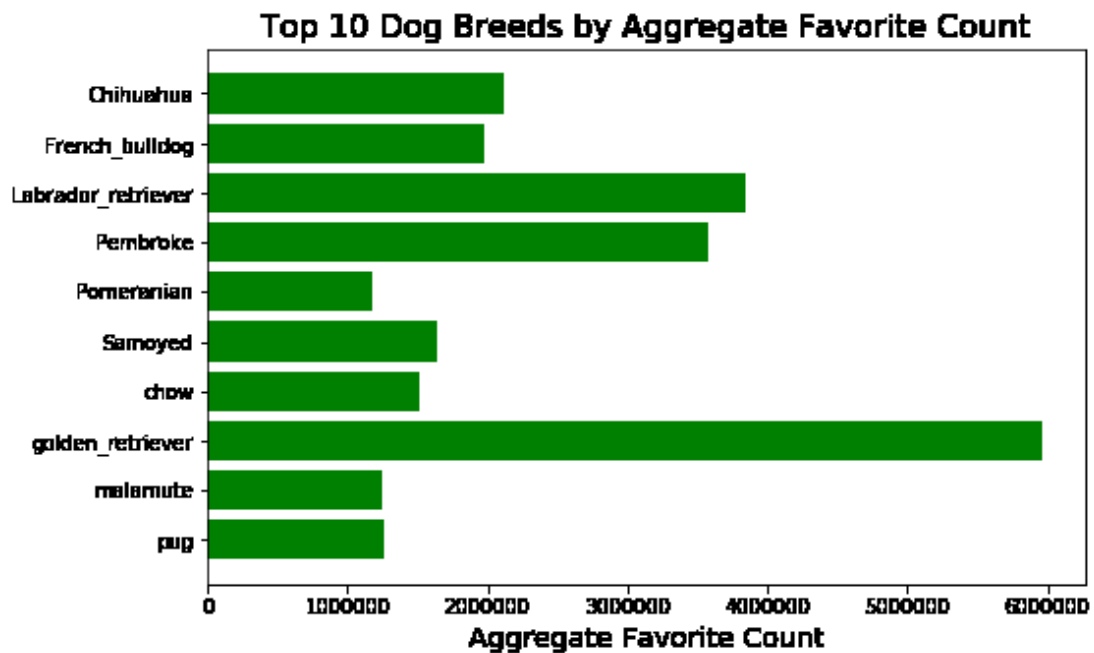
Top 10 dog breeds make up 32% of all tweets



The bar chart above shows that the most common dog that is tweeted about, with almost 600 tweets, is the Golden Retriever, as identified (predicted) by the neural network. Labrador Retrievers, Pembrokes and Chihuahuas are fairly close together in 2nd, 3rd, and 4th place. Further down we'll take a look at what are the most favoured dog breeds.

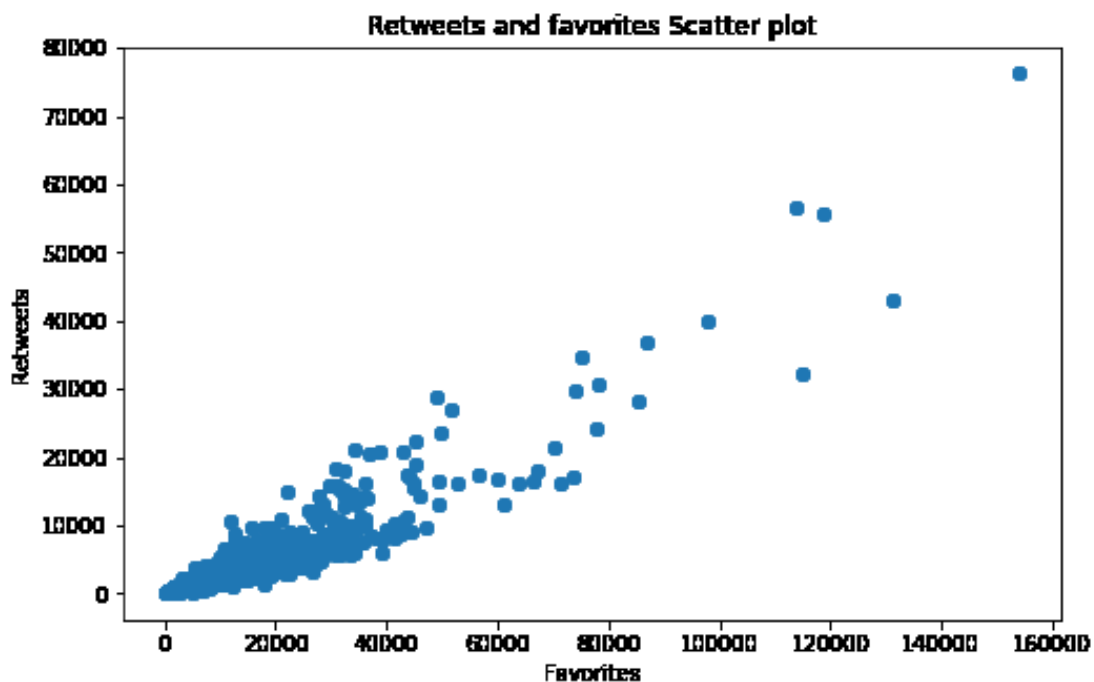
What dog breeds have the highest overall favourite counts?

golden_retriever	5969052
Labrador_retriever	3848024
Pembroke	3575184
Chihuahua	2116264
French_bulldog	1977660
Samoyed	1639156
chow	1515468
pug	1258216
malamute	1240688



The plot above shows the top 10 dog breeds ranked by aggregate favourite counts. It looks very similar to the barplot ealier of top 10 dog breeds ranked by tweet, and in fact the top 4 dog breeds are the same. This also makes sense, as these dogs have the highest number of tweets.

Scatter plot between favorites and retweets



Both groups have these 8 dog breeds in common:

'Chihuahua',
'malamute',
'Pembroke',
'golden_retriever',
'pug',
'Samoyed',
'Pomeranian',
'chow',
'Labrador_retriever'

What is the most common dog stage?

pupper	234
doggo	87
puppo	25
floofer	10

Data partition on basis of Life stage of dogs

