

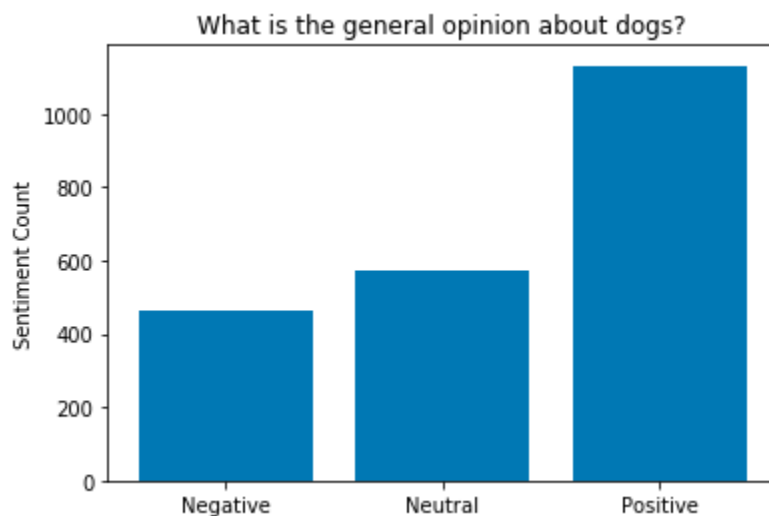
@dog_rates – Twitter Handle Tweets Analysis

This is the analysis of the **WeRateDogs** twitter page where dogs are introduced and rated. We are going to analyze the general feeling towards dogs, know how this feeling is demonstrated and also have an insight on how the twitter handle is doing over time.

1. What is the general feeling towards dogs?

To achieve this insight we are going to do a sentiment analysis using [TextBlob library](#) which is a Natural language Processing library for tasks such as noun phrase extraction, classification, sentiment analysis, translation and more.

We are able to classify a tweet as either positive, neutral or negative and achieve the below visual.

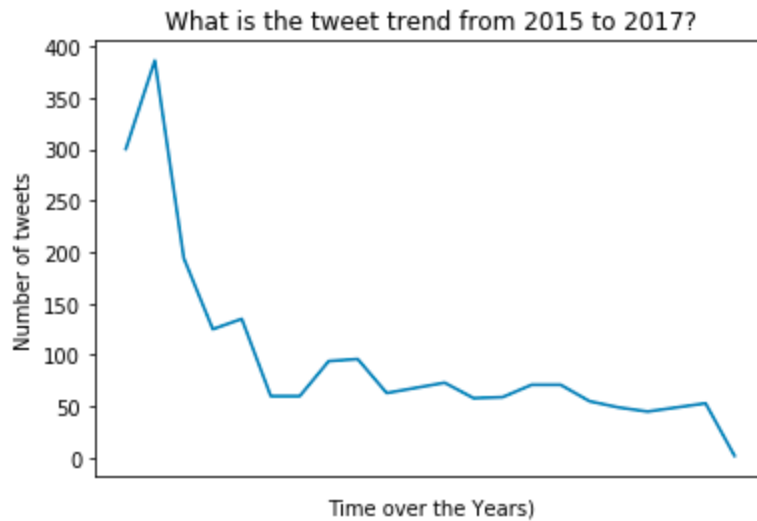


This shows there is a positive view towards dogs.

2. How is the tweeting trend over time on @dog_rates handle?

We will achieve this insight by plotting the number of tweets against the months from 2015 to 2017. Using months we are able to see a clear trend on the tweeting.

We will use a line plot as this is the best visual when portraying a trend.



We can clearly see that there is a downward trend on tweets over time.

3. Which is the most and least rated dog breed?

Using the ratings for the dogs and the dog breed image predictions we can get the most accurately predicted breeds. Using prediction 01 we have the below insights.

Most rated

rating	p01_dogname
750	Pomeranian
342	Golden retriever
270	Clumber
260	Kuvasz
140	Bedlington terrier

Least rated

rating	p01_dogname
30	Afghan hound
30	Chihuahua
30	Pug
20	Maltese dog
20	Great dane

The **Pomeranian** is the most rated dog with **750%** rating.

The **Maltese dog** and **Great dane** have the least ratings of **20%**

4. What are the most mentioned words?

We will create a word cloud from cleaned tweet text using [wordcloud](#) python library.

There is a positive feeling towards dogs as they are described as happy, great, rare and slightly magical