

Senti-Meter 😄 😐 😞

A Capstone Project for *Certificate Course in Data Science* offered by **RV College of Engineering (RVCE)** and **Boston IT Solutions India Pvt. Ltd**

NLP project topic: Build a dashboard for customer grievance data from messaging platform.

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Default Dataset Custom Dataset Custom Query

Step 1 Reading Default_Dataset.csv using `pd.read_csv()` command.

Completed...

Step 2 Displaying dataset sample using `df.head()` command:

	Sentiment	Text
0	neutral	According to Gran , the company has no plans to move all production to Russia , altho
1	neutral	Technopolis plans to develop in stages an area of no less than 100,000 square meters
2	negative	The international electronic industry company Elcoteq has laid off tens of employees
3	positive	With the new production plant the company would increase its capacity to meet the e
4	positive	According to the company 's updated strategy for the years 2009-2012 , Basware targ

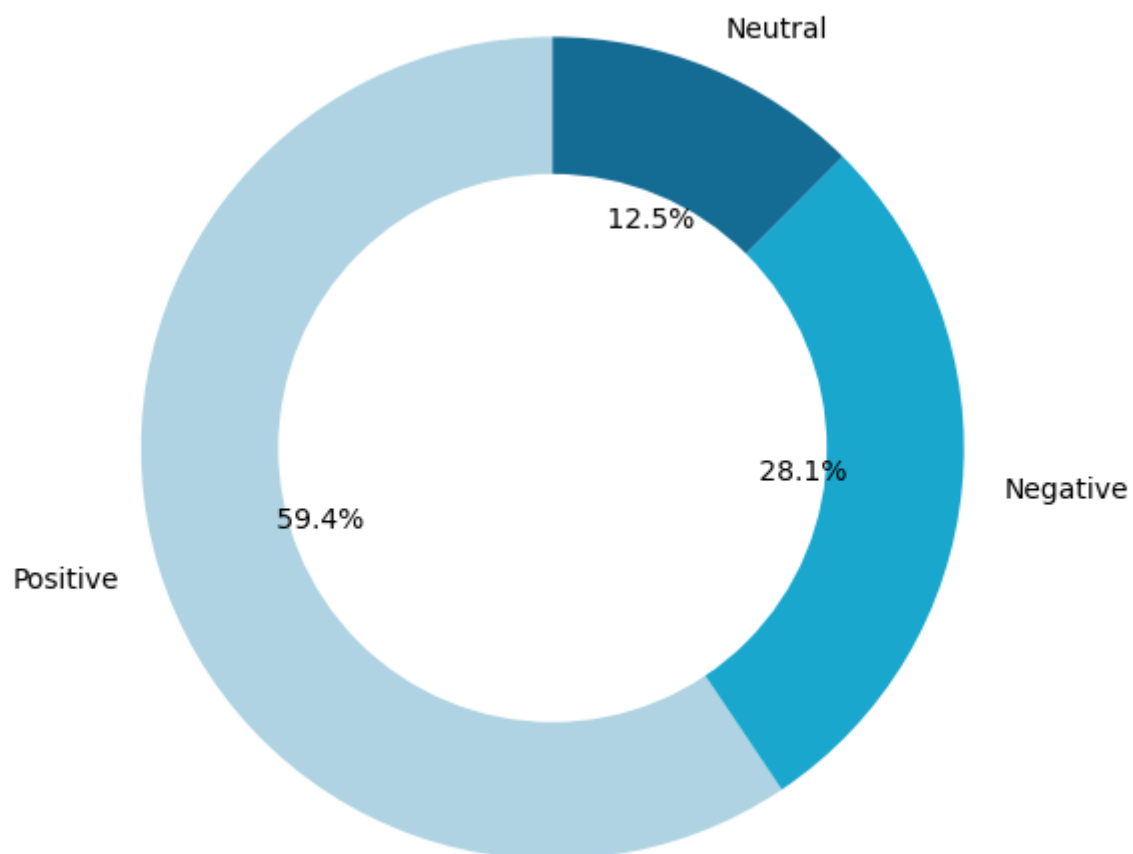
Step 3 Displaying dataset shape using `df.shape()` command:

Total number of observations and features : (4846, 2)

Step 4 Integrating best accurate model trained using spaCy and Bert transformer:

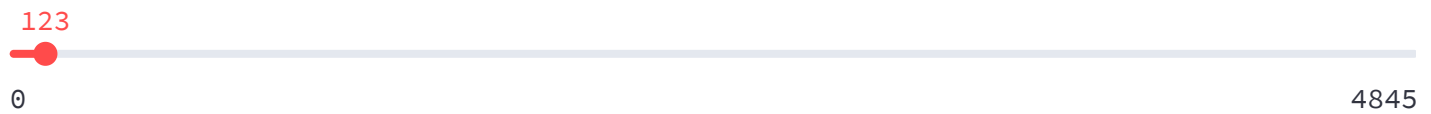
Completed...

Step 5 Displaying actual sentiment (shown in Dataset) for the loaded dataset:



Step 6 Let user select an observation number for sentiment analysis.

Select an observation number for sentiment analysis:



For the selected observation number 123:

Text :

Ruukki announced that it has signed an agreement with Aker Solutions of Norway to supply 24 suction anchors in September 2010 from its Kalajoki unit in Finland .

Actual Sentiment:

positive

Predicted Sentiment :

Positive : 98.82%

Negative : 0.28%

Neutral : 0.9%



For details of Certificate Course in Data Science offered by **RV College of Engineering (RVCE)** and **Boston IT Solutions India Pvt. Ltd**

Click Here  <https://rvce.edu.in/certificate-course-data-science>