

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green color. They are positioned diagonally, with the blue one in front of the green one.

Data Science Project 2

Sentimental analysis



Importing required librabries

Numpy

Pandas

Seaborn

Sklearn

KNeighborsClassifier

Nltk

Word tokenzier

Utlis

calibrated classifierCV

Matplotlib



Data exploration

data set should be in the directory of python

All libraries must be installed in anaconda prompt

Data processing :

Selecting only required columns

Describing the dataset overview

Representing the first few rows and columns



What is sentimental Analysis

Sentiment Analysis: the process of computationally identifying and categorizing opinions expressed in a piece of text, especially in order to determine whether the writer's attitude towards a particular topic, product, etc. is positive, negative, or neutral



Comparison between SVM and KNN

Accuracy

Precision

F1 score

Recall

All these features are measured

ROC AUC GRAPH IS REPRESENTED

