Spam Email detection using Naive Bayes algorithm

Objective:
- To Understand Supervised learning
- To Understand and Implement Naive Bayes algorithm

Key Terms: Naive Bayes, Confusion Matrix, Classification report, Accuracy, Model Training and Testing

Dataset:
The Dataset is available publicly on kaggle and can be downloaded from this link.

Assignment 1. Data Preparation
- Load the dataset
- Set the labels and features
- Split into train, validation, test using *Sk-learn library.*

Assignment 2. Model
- Load the model
- Train the model
- Make predictions using trained model
- Evaluate model on test data

Assignment 3. Results
- Plot Confusion Matrix
- Print Classification report