Machine Learning Assignment 2 (Individual)

Description of the assignment:

General idea:

In this assignment, you are required to compare between Naïve-Bayes and Logistic Regression to

classify the dataset by dividing it into 70% training set and 30% test set.

, Then evaluate the performance of Naïve-Bayes and Logistic Regression using the

accuracy , confusion matrix and cross validation Evaluation, and justify the results

.

The requirements:

- Classification Dataset

- Apply Naïve-Bayes and Logistic Regression to classify Dataset

- Evaluate the performance for each algorithm

- Apply accuracy , confusion matrix and cross validation Evaluation

-Evaluate precision, recall and f-measure.

Guidelines:

- The assignment should be implemented using Colab.
- This is an INDIVIDUAL assignment. Cheating cases will lead to a ZERO.
- This assignment is worth 10 degree for your discussion
- Deadline for the assignment: Each Group in your lab

There will be an individual discussion on your task in the lab, so please bring the laptop with you.