Table

Description automatically generatedBased on three (3) variables input namely gmat, gpa, and work\_experience, you are expected to implement a logistic regression based model that can be employed to assist an admission process in a company where you are working for. The model may be trained and tested using the following datasets respectively:

Table

Description automatically generated

Prior to testing the model, make sure the training dataset above is split for training and validation. Please check the performance of the model using CF (confusion matrix) and in accordance to the obtained CF, give your brief evaluation of the model. You are supposed to write the code from scratch in python notebook.