ML Lab (CS360)
Assignment 4
Total Marks: 20
Assignment date: 31-Aug-2023

1. Implement a Naive Bayesian classifier to classify data from the Car Evaluation (Download here) dataset. (10)

   Note: Write your own code to implement the classification algorithm without using any inbuilt library functions.

2. a) Split the Iris dataset (link for dataset) into training (80%) and testing (20%) sets. (3)

   b) Write a code to implement the logistic regression for the dataset from scratch without using any inbuilt library functions. (4)

   c) Apply 5-fold cross validation to find the best fold. Consider 10% for validation set. (3)