In this Assignment, you will implement two classification machine learning algorithms Logistic Regression & Naive Bayes for the dataset (Liver disease dataset),

You will have 9 marks to implement both. Also, Compare the performance of each Algorithm

Dataset: [liver\_disease\_1.csv](https://bits-pilani.instructure.com/courses/741/files?preview=135975)Preview the document

The marks distribution is as follows

1. Import the libraries and Load the dataset and Remove/replace missing values (if any) [1 M]
2. Split features and labels [0.5 M]
3. Split train and test data [0.5 M}

**Implement the Naïve Bayes classifier using Python**

Implement Naïve Bayes Classifier [2 M]

Calculate accuracy measures [1 M]

**Implement classification using Logistic Regression using Python**

Implement Logistic regression Classifier [2 M]

Calculate accuracy measures [1 M]

**Compare the results and accuracies for both the algorithms and share your inferences. [1M]**