Project Development Phase
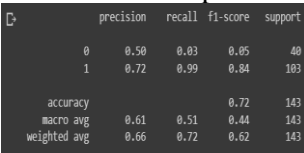# Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID08131
Project Name	Statistical Machine Learning Approaches to Liver Disease Prediction
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Classification Model:** **Supported Vector Machine** Confusion Matrix - [[1, 39], [1, 102]], Accuray Score- :0.7202797202797203 Classification Report – (see table below)	Confusion matrix: Accuracy Score & Classification Report:
2.	Tune the Model	Hyperparameter Tuning - 0.75 Validation Method – k-fold	Hyperparameter Tuning: Validation Method:

Classification Report:

	Precision	Recall	F1 - score	Support
1	0.50	0.03	0.05	40
2	0.72	0.99	0.84	103
Accuracy			0.72	1143
Macro avg	0.61	0.51	0.44	143
Weighted avg	0.66	0.72	0.62	143