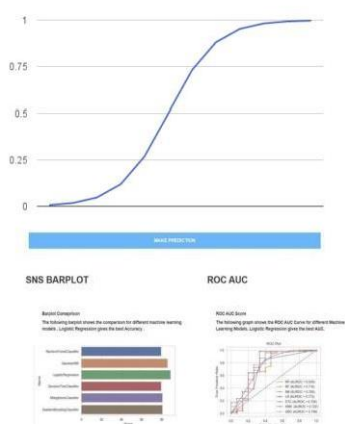



Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID45822
Project Name	Smart Lender - Applicant Credibility Prediction for Loan Approval
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	Regression Model: MAE - , MSE - , RMSE - , R2 score - Classification Model: Confusion Matrix - , Accuracy Score- & Classification Report -	 <p>The screenshot displays two plots. The top plot is an ROC AUC curve, showing a blue line that rises steeply from the bottom-left corner towards the top-right corner, indicating good model performance. The y-axis ranges from 0 to 1, and the x-axis ranges from 0 to 1. Below this is an SNS BARPLOT, which is a horizontal bar chart comparing the performance of different models. The bars are color-coded and labeled with their respective names and scores.</p>
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	 <p>The screenshot shows a dashboard with various metrics and bar charts. At the top, there are tabs for 'Train' and 'Test'. Below these, there are several bar charts and tables. One chart shows the distribution of 'Gender' (Male and Female) with a bar chart and a table. Another chart shows the distribution of 'Married' (Yes and No) with a bar chart and a table. The dashboard also includes a table with columns for 'VALUES', 'COUNT', and 'PERCENTAGE'.</p>