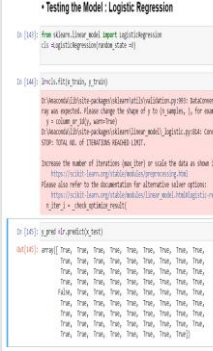
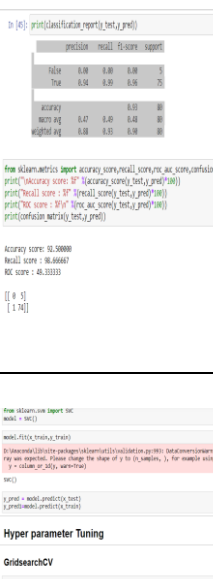


Project Development Phase

Model Performance Test

Date	16 November 2022
Team ID	PNT2022TMID32168
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	<p>Regression Model: Logistic Regression</p> <p>Classification Model:</p> <ul style="list-style-type: none"> Confusion Matrix - $\begin{bmatrix} 0 & 5 \\ 1 & 74 \end{bmatrix}$ Accuracy Score - 92.50000 Recall Score - 98.666667 ROC Score - 49.333333 Classification Report : <pre> precision - 0.88 recall - 0.93 f1-score - 0.90 support - 80 </pre>	 <p>The screenshot shows the training of a Logistic Regression model. It includes the confusion matrix, accuracy score (0.925), recall score (0.98666667), and ROC score (0.49333333). The classification report is also displayed, showing precision, recall, f1-score, and support for each class.</p>
2.	Tune The Model	<p>Hyperparameter Tuning: (GridSearchCV)</p> <p>clf.best_score_ - 0.921875</p> <p>Validation Method – GridSearchCV (e stimator=SVC ())</p>	 <p>The screenshot shows the implementation of GridSearchCV for hyperparameter tuning. It defines a parameter grid and uses GridSearchCV to find the best parameters for the SVC model. The best score is 0.921875.</p>