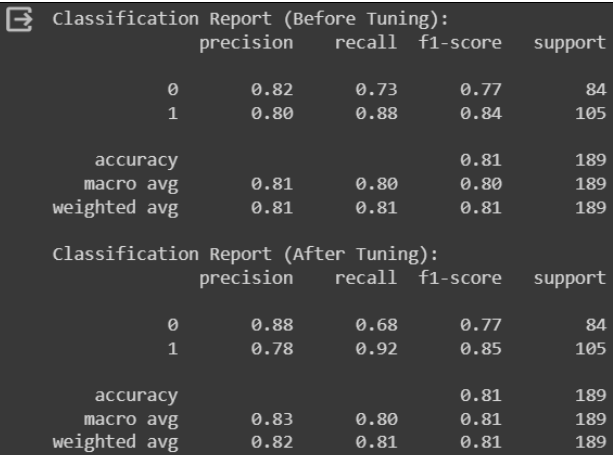



## Project Development Phase Model Performance Test

Date	22 November 2023
Team ID	592207
Project Name	Predicting Mental Health Illness of Working Professionals Using Machine Learning
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.	Model Summary		 <pre> Classification Report (Before Tuning):               precision    recall  f1-score   support        0               0.82       0.73       0.77         84       1               0.80       0.88       0.84        105   accuracy               0.81         0.81         189   macro avg              0.81       0.80       0.80         189  weighted avg           0.81       0.81       0.81         189  Classification Report (After Tuning):               precision    recall  f1-score   support        0               0.88       0.68       0.77         84       1               0.78       0.92       0.85        105   accuracy               0.81         0.81         189   macro avg              0.83       0.80       0.81         189  weighted avg           0.82       0.81       0.81         189 </pre>
2.	Accuracy	Training Accuracy -  Validation Accuracy -	 <pre> Accuracy of AdaBoost on Validation Data: 0.8253968253968254 Accuracy of AdaBoost on Testing Data: 0.8095238095238095 </pre>