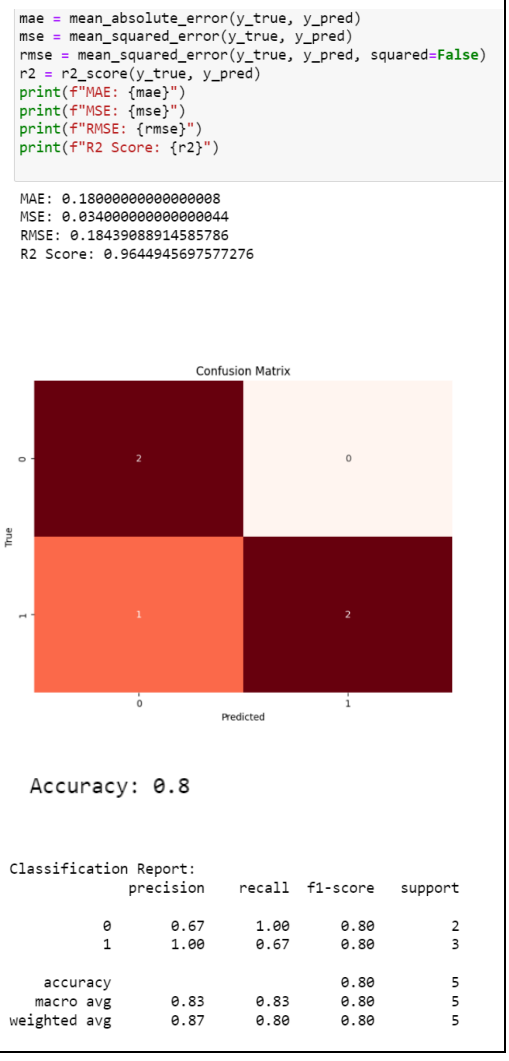
Project Development Phase
Model Performance Test

Date	20 November 2023
Team ID	592923
Project Name	Garment Worker Productivity 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	**Regression Model:** MAE - 0.180 MSE – 0.034 RMSE – 0.184 R2 score – 0.964 **Classification Model:** Confusion Matrix Accuracy Score- 0.8 Classification Report	

2.	Tune the Model	Hyperparameter Tuning – GridSearchCV method Validation Method - Cross-validation with 5 folds	Best Hyperparameters: {'n_estimators': 150, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_depth': None} Test RMSE with Best Model: 0.11310060848894805