Model Development Phase Template

Date	21 July 2024
Team ID	739717
Project Title	Unlocking Silent Signals :Decoding Body Language with Mediapipe
Maximum Marks	10 Marks

Initial Model Training Code, Model Validation and Evaluation Report

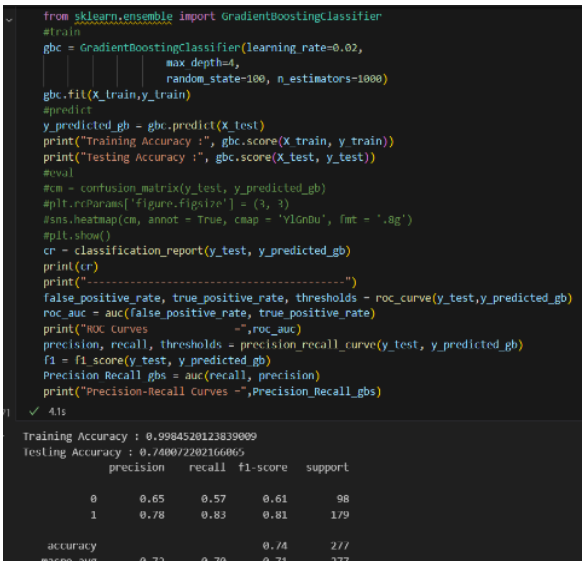
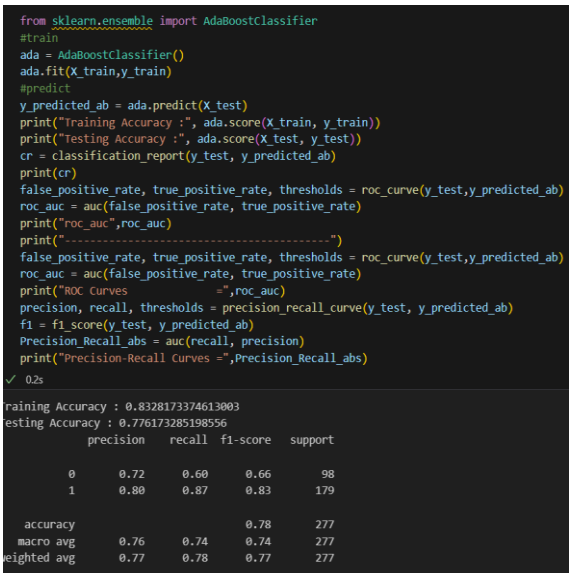
The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include a summary and training and validation performance metrics for multiple models, presented through respective screenshots.

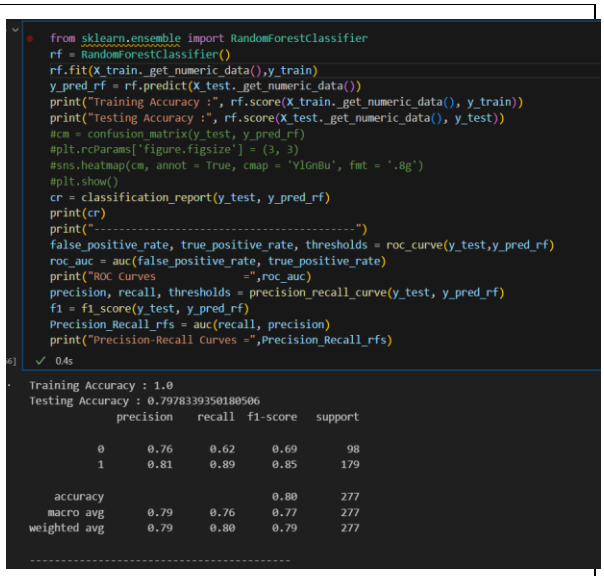
Initial Model Training Code (5 marks):

Paste the screenshot of the model traning code

Model Validation and Evaluation Report (5 marks):

Model	Summary	Training and Validation Performance Metrics

Model 1	Gradient Boosting Classifier model typically include accuracy, precision, recall, F1 score to evaluate its predictive performance and generalization capability.	
Model 2	AdaBoost classifier model commonly include accuracy, precision, recall, F1 score which help assess the model's prediction accuracy and generalizability	

Model 3	Random forest classifier model often encompass accuracy, precision, recall, F1 score to measure its prediction quality and robustness.	
Model 4	XGB Classifier model typically include accuracy, precision, recall, F1 score to evaluate its prediction performance and generalization ability