Model Development Phase Template

Date	15 JULY 2024
Team ID	739811
Project Title	Detection Of Autistic Spectrum Disorder: Classification
Maximum Marks	4 Marks

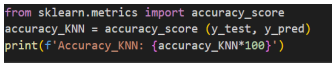
Initial Model Training Code, Model Validation and Evaluation Report

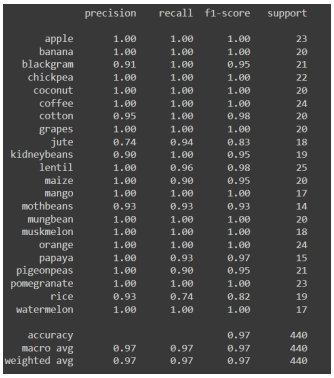
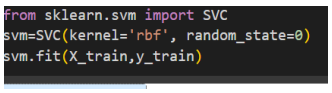
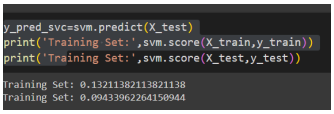
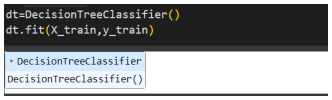
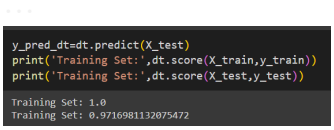
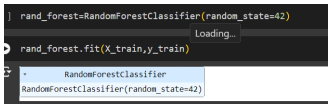
The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

Initial Model Training Code:

Paste the screenshot of the model training code

Model Validation and Evaluation Report:

Model	Classification Report	Accuracy	Confusion Matrix
1. K Nearest Neighbors Model		**55.18867**	

			
2. SVM Model		**9.433**	
3.Decision Tree Model		97.166	
4. Random Forest Model		97.1669