Model Development Phase Template

Date	15 July 2024
Team ID	739787
Project Title	Genetic Classification of an Individual by Using Machine Learning
Maximum Marks	6 Marks

Model Selection Report

In the forthcoming Model Selection Report, various models will be outlined, detailing their descriptions, hyperparameters, and performance metrics, including Accuracy or F1 Score. This comprehensive report will provide insights into the chosen models and their effectiveness.

Model Selection Report:

Model	Description	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
Random Forest Classifier	The RandomForestClassifier is an ensemble learning method that builds multiple decision trees and merges them together to get a more accurate and stable prediction	Hyperparameters not used	1.0
Logistic Regression	Logistic Regression is a statistical method for binary classification that models the probability of a class label based on one or more features using a logistic function.	Hyperparameters not used	0.8