Model Development Phase Template

Date	22 June 2024
Team ID	TEAM-739843
Project Title	Human Resource Management:Predicting employee promotions Using Ml
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	Random forest is an ensemble learning method that constructs multiple decision trees and merges them to get a more accurate and stable prediction	Maximum depth	Accuracy:94% F1 Score:0.94
Decision tree classifier	It splits the data into subsets based on the value ofinput features, leading to a tree like model ofdecisions	max depth, min samples split	Accuracy:93% F1 Score:0.94