





Model Development Phase Template

Date	20 JUNE 2024
Team ID	739689
Project Title	Human Resource Management:Predicting Employee Promotions Using M1
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
Decision tree classifier	Classification report	93%	confusion_matrix [[13877 1188] [867 14152]]

Confusion matrix [[14169 896] [776 14243]]	94%	support 15065 15019 30084 30084 30084 30084	f1-score 9.94 9.94 9.86 9.86	recall 0.94 0.95 0.86	report precision 0.95 0.94 0.87	Classification p 0 1 accuracy accuracy macro avg weighted avg	Random Forest Classifier
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