Model Development Phase Template

Date	10 June 2024
Team ID	739640
Project Title	Work Force Retention System
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)
Linear regression	**Logistic Regression** is a statistical method used for binary classification, which predicts the probability of a binary outcome based on one or more predictor variables. In the context of workforce retention, logistic regression can be a powerful tool to identify factors that influence whether an employee is likely to stay with or leave an organization.	GridSearchCV	Accuracy =76.8