Model Development Phase Template

Date	10 june 2024
Team ID	739879
Project Title	Detection of phishing websites from URLs
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	Description	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
Random Forest	Ensemble of decision trees; robust, handles complex relationships, reduces overfitting, and provides feature importance for loan approval prediction.	-	Accuracy score = 96%
Logistic regression	Logistic regression is a statistical model used for binary classification problems, where the goal is to predict the probability of an event occurring (legitimate or 1) or not occurring (phishing or 0).	-	Accuracy score = 91%
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