

Model	Description	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
Random Forest	Random Forest is an ensemble learning method used for classification, regression, and other tasks. It operates by constructing multiple decision trees during training and outputting the mode of the classes (classification) or mean prediction (regression) of the individual trees.	-	Accuracy score = 99%

Linear Regressor	Linear regression is a fundamental and widely used statistical method for modeling the relationship between a dependent variable (target) and one or more independent variables (features). The goal is to find the linear relationship that best predicts the target variable from the features.	-	Accuracy score = 28%
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Model Development Phase Template

Date	20 June 2024
Team ID	740114
Project Title	Customer Acquisition Cost Estimation 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.

	for local variations in loan approval criteria.		
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