

## Model Development Phase Template

Date	07 JULY 2024
Team ID	685476
Project Title	Slope sence :utilizing resort features for regression modelling
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	Model	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
LR	Classifies based on nearest neighbors; adapts well to data patterns, effective		Accuracy score = 77%

XGB	Ensemble of decision trees; robust, handles complex relationships, reduces overfitting, and provides feature importance for resort prediction.	—	Accuracy score = 81%
KNN	Ensemble of decision trees; robust, handles complex relationships, reduces overfitting, and provides feature importance for resort prediction.	-	Accuracy score = 81%