

Smoke Detection Evaluation Metrics			
Metrics	Sub-Evaluation Metrics & Scoring Criteria	Weightage	Total Score
Assignments & Quizzes	Quizzes (Total – 4 Nos.)	4	10
	Assignment-1	2	
	Assignment-2	2	
	Assignment-3	2	
Project Initialization and Planning Phase	Define Problem Statements	3	10
	Project Proposal (Proposed Solution)	3	
	Initial Project Planning Report	4	
Data Collection and Preprocessing Phase	Data Collection Plan & Raw Data Sources Identification Report	2	10
	Data Quality Report	2	
	Data Exploration and Preprocessing Report	6	
Model Development Phase	Feature Selection Report	5	15
	Model Selection Report	6	
	Initial Model Training Code, Model Validation and Evaluation Report	4	
Model Optimization and Tuning Phase	Hyperparameter Tuning Documentation	6	10
	Performance Metrics Comparison Report	2	
	Final Model Selection Justification Report	2	
Project Executable Files	Project Executable Files	6	6
Project Documentation	Project Documentation	2	2
Project Demonstration	Project Demonstration	2	2

Attendance	Attendance	5	5
Grand Assessment	Grand Assessment	30	30
Overall			100