Data Collection and Preprocessing Phase

Date	June 2024
Team ID	739871
Project Title	Smart Home Temperature prediction using Machine Learning
Maximum Marks	2 Marks

Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source: Historical temperature data

Data Source	Data Quality Issue	Severity	Resolution Plan
Sensor data	Missing values from temperature sensors	Moderate	Impute missing values with mean or median temperatures

		High	
Weather Forecast	Inaccurate or Outdated weather forecast		Use reliable and update weather API sources
HVAC System	Incomplete logs of HVAC operations	Moderate	Filling missing logs by estimating based on previous patterns