

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	Sukriti
Project Title	Predicting Plant Growth Stages with Environmental and Management Data Using Power BI
Maximum Marks	3 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	Data Quality Issue	Severity	Resolution Plan
Smart Bridge	Missing values or incomplete records. e.g. missing growth stage labels	Moderate	Impute missing continuous features
Smart Bridge	Outliers/extreme values. Some plant measurements (e.g. height, leaf count) may be erroneous.	Low to Moderate	Detect outliers. Clip or remove if erroneous; otherwise normalize.
Smart Bridge	Data format heterogeneity. Mixed types, free-text entries, or inconsistent units across records.	Low	Standardize units; convert categorical text to codes; ensure consistent schema