

Data Collection and Preprocessing Phase

Date	6 July 2024
Team ID	SWTID1720076593
Project Title	Visual Diagnostics: Detecting Tomato Plant Diseases through Leaf Image Analysis
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	Data Quality Issue	Severity	Resolution Plan
Kaggle Dataset	Some disease classes might have significantly more images than others, leading to an imbalance.	Moderate	Used some resampling techniques to reduce the problem.
Kaggle Dataset	Inaccurate or inconsistent labeling of images across the dataset.	Low	Conducted a thorough manual review of the dataset to correct any mislabeling.