Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	Team-740058
Project Title	Masterful Machines: Precise Coffee Quality Predictons Through ML
Maximum Marks	2 Marks

Data Quality Report:

The dataset for precise coffee quality predictions was thoroughly assessed for completeness, consistency, and accuracy. Missing values were imputed, outliers treated, and features scaled and encoded appropriately. The data was split into training and test sets, ensuring high-quality inputs for robust machine learning model development.

Data Quality Report:

Data Source	Data Quality Issue	Severity	Resolution Plan
Coffee Farms	Missing values in ratings	high	mpute using median values and validate imputations through domain expert review
Quality Agencies	Inconsistent categorical data	Medium	Standardize categories and perform one-hot encoding