Data Collection and Preprocessing Phase

Date	15 October 2024
Team ID	739842
Project Title	Ai-Powered Nutrition Analyzer For Fitness Enthusiasts
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
Nutrionl Data	Missing nutrient values	moderate	Use data imputation or supplement missing values with averages.
Meal Plans	Incorrect portion sizes	high	Apply data validation to standardize portion sizes
User Preferences	Inconsistent dietary preferences	moderate	Implement context-based filtering to unify preferences.

Ingredient Data	Incorrect ingredient measurements	high	Use standard conversion tables and validate ingredient units.
Activity Logs	Inconsistent timestamps in logs	moderate	Standardize timestamp formats and validate timestamps.