

Data Collection and Preprocessing Phase

Date	19 TH July 2024
Project Title	Nutrition App Using Gemini Pro

Data Quality Report:

This report summarizes data quality issues identified in the dataset used by the AI Nutritionist App. It includes the severity levels of each issue and proposed resolution plans to systematically rectify these discrepancies.

Data Quality Report:

Data Source	Data Quality Issue	Severity	Resolution Plan
Public Repositories (GitHub)	Missing nutritional values for certain foods	High	Implement data validation checks during data entry and use data imputation techniques to fill missing values where possible. Update the dataset with accurate and complete information from reliable sources.
Public Repositories (GitHub)	Inconsistent nutritional information for similar food items	Moderate	Standardize data entry procedures and guidelines. Use a reference database to cross-check and update inconsistent records. Regularly audit the dataset for consistency.
Public Repositories (GitHub)	Duplicate food entries	Moderate	Implement duplicate detection algorithms. Remove or merge duplicate records to maintain a clean dataset.