Data Collection and Preprocessing Phase

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| Date | 15 October 2024 |
| Team ID | 739652 |
| 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.

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| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| Nutritionl 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. |

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| 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. |