**Data Collection and Preprocessing Phase**

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| --- | --- |
| Date | 12 July 2024 |
| Team ID | xxxxxx |
| Project Title | Nutrition App Using Gemini Pro : Your Comprehensive Guide To Healthy Eating And Well-Being |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification Template**

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

**Data Collection Plan Template**

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| --- | --- |
| **Section** | **Description** |
| Project Overview | The machine learning project aims to develop a nutrition recommendation system leveraging data-driven insights to assist users in making informed dietary choices. |
| Data Collection Plan | Data will be collected from various sources including publicly available nutrition databases, research studies, and possibly user-generated data from nutritional apps. |
| Raw Data Sources Identified | List the raw data sources with relevant details (as a short description). |

**Raw Data Sources Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| |  | | --- | | Nutrition  Database |  |  | | --- | |  | | Comprehensive database of nutritional information including calories, macronutrients, and micronutrients for various foods. | https://www.nutritionix.com/ | CSV | 10 GB | Public |
| Research Studies | Research data on dietary patterns and their effects on health outcomes. | https://www.ncbi.nlm.nih.gov/pmc/ | pdf | GB | Public |