Data Collection and Preprocessing Phase

Date	22 August 2024
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 Report:

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:

Section	Description
Project Overview	The Nutrition App Using Gemini Pro project aims to develop a comprehensive guide to healthy eating and well-being, providing users with personalized nutrition plans, meal tracking, and health monitoring features. To ensure the app meets the required standards, we need to collect data on user interactions, application performance, user health and nutrition data, and user feedback.
Data Collection Plan	- Collect data on user interactions to identify areas of improvement and optimize the user experience - Collect data on application performance to identify bottlenecks and optimize rendering and loading times - Collect data on user health and nutrition to provide personalized recommendations and track progress
Raw Data Sources Identified	**User Interactions:** - Google Analytics (GA) for tracking page views, navigation, and user behavior. - Browser console logs for tracking JavaScript errors and exceptions.

Application Performance:

- New Relic for tracking application performance, including page load times and rendering metrics

- Browser console logs for tracking JavaScript errors and exceptions

- Server-side logs for tracking API requests and responses

User Health and Nutrition Data:

- User-inputted health and nutrition data, including dietary restrictions, allergies, and health goals

- Integrated wearable devices and health trackers, such as Fitbit or Apple Watch, for tracking physical activity and health metrics

- Gemini Pro's nutrition database for providing personalized nutrition recommendations