

## Data Collection and Preprocessing Phase

Date	20 February 2026
Team ID	LTVIP2026TMIDS46296
Project Title	Advancing nutrition science through geminiai
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 machine learning project aims to predict loan approval based on applicant information. Using a dataset with features such as gender, marital status, income, and credit history, the objective is to build a model that accurately classifies loan status (approved or denied), facilitating efficient and informed decision-making in the lending process.
Data Collection Plan	<ul style="list-style-type: none"> <li>Search for datasets related to loan approvals, financial information, and applicant details.</li> <li>Prioritize datasets with diverse demographic information.</li> </ul>
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from Kaggle & UCI, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information, encompassing variables such as gender,

	marital status, income, and loan-related details for machine learning analysis.
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### Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises applicant details (gender, marital status), financial metrics (income, loan amount), and loan approval outcomes.	<a href="https://www.kaggle.com/datasets/rishikeshkonapure/home-loan-approval?select=loan_status_train.csv">https://www.kaggle.com/datasets/rishikeshkonapure/home-loan-approval?select=loan_status_train.csv</a>	CSV	15 kB	Public
UCI	This data concerns credit card applications; a good mix of attributes	<a href="https://archive.ics.uci.edu/dataset/27/credit+approval">https://archive.ics.uci.edu/dataset/27/credit+approval</a>	CSV	13.6 kB	Public