

## Data Collection and Preprocessing Phase

Date	09 February 2026
Team ID	LTVIP2026TMIDS66271
Project Title	Flavour Fusion: AI-Driven Recipe Blogging
Maximum Marks	2 Marks

### Data Collection Plan & Raw Data Sources Identification

#### Data Collection Plan

Section	Description
Project Overview	Flavour Fusion is an AI-driven recipe blogging application that generates customized recipe blogs based on user input. The project does not rely on a pre-existing dataset; instead, it dynamically processes user-provided text input to generate content using a pre-trained generative AI model.
Data Collection Plan	<p>The data for this project is collected <b>directly from users at runtime</b> through a Streamlit-based web interface. Users provide:</p> <ul style="list-style-type: none"> <li>• Recipe topic</li> <li>• Desired word count</li> </ul> <p>This input data is processed in real time and sent to the AI model for content generation.</p>
Raw Data Sources Identified	Since this project uses real-time user input and a pre-trained AI model, no external datasets (CSV, images, or files) are collected or stored.

### Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
User Input Data	Text entered by users (recipe topic & word count)	Streamlit Web Interface	Text	Small	Public (user-provided)
AI Model Output	Generated recipe blog content	Gemini Flash Lite API	Text	Variable	Restricted (API-based)