

DATA COLLECTION AND PREPROCESSING PHASE

Date	31 Jan 2025
Team ID	LTVIP2026TMIDS83843
Project Name	flavour fusion: ai-driven recipe blogging
Maximum Marks	6 Marks

This project does not use a traditional dataset. Instead, it utilizes the pre-trained Gemini 2.5 Flash generative AI model through API integration. User input (recipe topic and word count) serves as the primary input data for content generation.

Data Preprocessing

Since the project does not use a traditional dataset, preprocessing is limited to:

- Validating user input (checking if topic is not empty).
- Structuring the prompt to ensure the output contains Ingredients, Instructions, and Tips.
- Handling API errors using try-except blocks.

Source Name	Description	Location / URL	Format	Size	Access
Google Gemini API	Pre-trained large language model used for text generation	Google AI Platform	Text Output	N/A	API Key Required
User Input	Topic and word count entered by user	Streamlit UI	Text	Small	Public