

## DATA COLLECTION AND PREPROCESSING PHASE

<b>Date</b>	31 Jan 2025
<b>Team ID</b>	LTVIP2026TMIDS83843
<b>Project Name</b>	flavour fusion: ai-driven recipe blogging
<b>Maximum Marks</b>	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