

DATA COLLECTION AND PREPROCESSING PHASE

Date	31 Jan 2025
Team ID	LTVIP2026TMIDS83843
Project Name	flavour fusion: ai-driven recipe blogging
Maximum Marks	2 Marks

Data Collection Plan

Section	Description
Project Overview	<ol style="list-style-type: none"> The project “flavour fusion: ai-driven recipe blogging” aims to generate structured recipe blogs using a pre-trained generative AI model. The system takes user input (recipe topic and word count) and produces structured output including Ingredients, Instructions, and Tips.
Data Collection Plan	<ol style="list-style-type: none"> This project does not use a traditional dataset. Data is collected dynamically through user input and processed using the pre-trained Gemini 2.5 Flash model via API integration.
Raw Data Sources Identified	<ol style="list-style-type: none"> Gemini 2.5 Flash API – Pre-trained generative model used for text generation. User Input – Recipe topic and word count entered via Streamlit interface.

Raw Data Sources

Source Name	Description	Location	Format	Access
Gemini 2.5 Flash API	Pre-trained generative large language model	Google AI Platform	Text Output	API Key Required
User Input	Topic and word count provided by user	Streamlit UI	Text	Public