

Model Development Phase

Date	12 February 2026
Team ID	LTVIP2026TMIDS66291
Project Title	Civil Engineering Insight Studio
Maximum Marks	5 Marks

Model Selection Report

In this project, the focus is on selecting a pre-trained generative language model suitable for real-time recipe blog generation. Unlike traditional deep learning projects that require training CNNs or RNNs, this application leverages an existing large language model (LLM) to generate high-quality data content. The model is selected based on performance, response time, ease of integration, and suitability for photo-based content generation.

Model Selection Report:

Model	Description
Gemini Flash Lite (models/gemini-flash-lite-latest)	A lightweight pre-trained generative language model designed for fast and efficient text generation. It supports real-time content creation with good coherence, relevance, and low latency, making it ideal for data generation related to photo.