AI Development Course

Modern AI integration course focused on practical implementation using both OpenAI and open-source models.

Quick Start

Clone Repository and Setup Virtual Environment

- git clone https://github.com/TomboCZ/ai-examples
- python -m venv .venv
- source .venv/bin/activate # Mac/Linux
- .venv\Scripts\activate # Windows

Install Dependencies

- pip install -r requirements.txt

Configure API Keys

- cp .env-example .env
- Edit .env with your API key

LM Studio Setup

- Visit LM Studio to download and install.
- Load these models:
    - llama-3.2-3b-instruct-q8_0
    - deepseek-r1-distill-llama-8b

Download Model for Local llama.cpp Inference

Before testing local inference with llama.cpp, download the model "llama-3.2-3B-Instruct-Q8_0.gguf" file from
Hugging Face
and place it into the `local_models` folder.