

# AI Dev

## AI Develop Frameworks

- [LangChain](#) (python + node.js)
- [LlamaIndex](#) (python)
- [Haystack](#) (python)

## OpenUI

AI???????????????

- GitHub: <https://github.com/wandb/openui>
- Video: [OpenUI & Llama 3: Effortless Text to Frontend UI Generation - YouTube](#)

## Data Analysis (Chat with CSV)

- LangChain: [Chat with a CSV | LangChain Agents Tutorial \(Beginners\) - YouTube](#)
- PandasAI: [Multi-ChatCSV Streamlit App: Analyze Multiple CSV files with PandasAI and OpenAI| Step by Step - YouTube](#)
- Streamlit: [Chat with CSV Streamlit Chatbot using Llama 2: All Open Source - YouTube](#)
- [DataLine](#)
  - GitHub: <https://github.com/RamiAwar/dataline>

## Chat with Dataset

- [Chat with your dataset! This project demonstrates a web-based application to query a dataset through natural language.](#)

## PandasAI

[PandasAI](#) is a Python library that makes it easy to ask questions to your data in natural language. It helps you to explore, clean, and analyze your data using generative AI.

- GitHub: <https://github.com/Sinaptik-AI/pandas-ai>
- Video: [Multi-ChatCSV Streamlit App:Analyze Multiple CSV files with PandasAI and OpenAI| Step by Step - YouTube](#)

## Web Scraper

### - Crawlee

A web scraping and browser automation library.

- [crawlee for Python](#)
  - GitHub: <https://github.com/apify/crawlee-python>
- [crawlee for Node.js](#)
  - GitHub: <https://github.com/apify/crawlee>

### - ScrapeGraphAI

ScrapeGraphAI is a open-source web scraping python library designed to usher in a new era of scraping tools.

- [Indices and tables — ScrapeGraphAI documentation](#)
- GitHub: <https://github.com/VinciGit00/Scrapegraph-ai>
- Video: [Scrape Any Website using llama3+Ollama+ScrapeGraphAI | Fully Local + Free #ai #llm - YouTube](#)

### - Crew AI

[Crew AI](#) is a collaborative working system designed to enable various artificial intelligence agents to work together as a team, efficiently accomplishing complex tasks. Each agent has a specific role, resembling a team composed of researchers, writers, and planners.

- GitHub: <https://github.com/joaomdmoura/crewAI>
- [???? AI ??????????](#)
  - Video: [??????Agent??](#)
  - GitHub: [Python ???](#)
- [Crew AI — your own minions. How I Made AI Assistants Do My Work For... | by Csakash | Medium](#)

## OpenAI API

- [What is ChatGPT API? - GeeksforGeeks](#)
- [\[D7\] OpenAI API ?? - ?????? - iT ????:???????????? IT ??? \(ithome.com.tw\)](#)
- [\[D8\] OpenAI API ?? - Chat Completion ??? - iT ????:???????????? IT ??? \(ithome.com.tw\)](#)
- [Model Parameters in OpenAI API. Let's break down the... | by Csakash | Medium](#)

## Web UI Framework

### - Gradio

Gradio is the fastest way to demo your machine learning model with a friendly web interface so that anyone can use it, anywhere!

- [Gradio](#)
- [Create a ChatBot with OpenAI and Gradio in Python - GeeksforGeeks](#)
- [????? OpenAI ChatBot ????](#)

### - Streamlit

Streamlit is the UI powering the LLM movement

- [Streamlit • A faster way to build and share data apps](#)
- [AI talks: ChatGPT assistant via Streamlit](#)
- GitHub: [Some Example Codes](#)

## AI Memory

- [How To Give Your Chatbot More Memory | by Dan Cleary | Medium](#)
- [\[D8\] OpenAI API ?? - Chat Completion ??? - iT ????:???????????? IT ??? \(ithome.com.tw\)](#)

## VS Code

- [CodeGPT](#) - Code like a pro with our AI Copilot!
  - Doc: <https://docs.codegpt.co/docs/intro>
  - VSCode: [CodeGPT: Chat & AI Agents - Visual Studio Marketplace](#)
- [Continue](#)
  - [An entirely open-source AI code assistant inside your editor \(continue.dev\)](#)
  - Doc: <https://docs.continue.dev/intro>

- VSCode: [Continue - Codestral, GPT-4o, and more - Visual Studio Marketplace](#)
- GitHub: <https://github.com/continuedev/continue>
- [Codeium](#) - ?? vim/Neovim ???????????? OpenAI API????????
  - VSCode: [Codeium: AI Coding Autocomplete and Chat for Python, Javascript, Typescript, Java, Go, and more - Visual Studio Marketplace](#)
  - GitHub: <https://github.com/Exafunction/codeium.vim>
  - Video: [?Arduino ?????AI ????? Codeium ????? Arduino? - YouTube](#)

## Instructor

Structured outputs powered by llms. Designed for simplicity, transparency, and control.

- [Welcome To Instructor - Instructor \(jxnl.github.io\)](#)

## Phidata

Phidata adds memory, knowledge and tools to LLMs.

- [What is phidata? - Phidata](#)

## PDF Extractor

- [gptpdf](#) - ?? OpenAI API ?? PDF ?????? Markdown ???
- [omniparse](#) - PDF to Markdown
  - GitHub: <https://github.com/adithya-s-k/omniparse>
- [PDF-Extract-Kit](#) - Layout Detection, Formula Detection, Formula Recognition
- [Marker](#) - Marker converts PDF to markdown quickly and accurately.
  - Video: [Marker: This Open-Source Tool will make your PDFs LLM Ready - YouTube](#)
- [Mathpix](#) (cloud)

## Responsible AI

- [Input Otput Guardrails with llama](#) (ipynb)

## Gemini API

- Doc: [Gemini API ???????? | Google AI for Developers | Google for Developers](#)
- [Gemini API Cookbook](#)

# LlamaIndex

- [Ollama <> Mistral <> LlamaIndex Cookbook](#) (ipynb)

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