



Agenda: VS Code Introduction and Essential Setup, API, Python Requests.

Visual Studio Code will be introduced, focusing on configuring the environment for Python and AI development. The session will also cover CLine and Openrouter configurations, API usage, making Python requests, and interacting with LLMs through HTTP requests.

Introduction to Visual Studio Code

- What is Visual Studio Code?
- Why VS Code is popular for Python development.

VS Code Installation

- How to download VS Code for Windows.
- Step-by-step installation guide for Windows:

Essential Configurations

- Installing the Python Extension
- Git Configuration
- Terminal Configuration
- Python Interpreter and Virtual Environment Setup
- Jupyter Notebook Integration
- Git Workflow Practice

Installing the Cline Extension

- Accessing the Extensions view in VS Code.
- Searching for and installing the Cline extension.
- Following any additional setup instructions provided by the extension.

OpenRouter Account and API Key Setup

- What is OpenRouter?
- Creating an OpenRouter account.
- Generating a new API key.

VSCode Jupyter Hands-on

- What is API?
- Exploring the Python requests library within a Jupyter Notebook.
- Making First call to LLM using Python requests