The OpenAI API (Python)

2 day training course







Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

OpenAI API: Setting Up

- Getting an API key
- Using the playground

OpenAI API: Personalisation

- Setting up your organisation
- Creating projects

OpenAI API: Basic Queries

- Calling the API
- Tweaking temperature
- Understanding JSON responses

OpenAI API: Examples of Use

- Moderating text
- Creating images
- Text to speech

OpenAI API: Functions

- Describing functions
- Adding as model tools
- Handling model responses
- Handling edge cases

OpenAI API: Managing Use

- Monitoring usage
- Minimising token use

OpenAI API: Structured Outputs

- How they work
- Creating schemas
- Handling deserialisation errors
- Entity extraction

OpenAI API: Assistants (Beta)

- The Assistants playground
- Threads and messages
- Running assistants
- Run steps

Pre-requisites for The OpenAI API (Python) course

You should only consider attending this course if you have a good working knowledge of AI tools and a good knowledge of Python. Our ideal courses to help you prepare are:

Area	Course(s)	Days	Notes
AI tools	Introduction to AI tools	2	If you're a regular user of the likes of ChatGPT you can get away without attending this course.
Python	Introducton to Python Fast-track Python	2 3	The two-day course will be sufficient for most people, but in an ideal world you would attend the three-day course to include learning about dictionaries, sets and working with JSON data.

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,525 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,150 per person + VAT
Online	Your home or office!	£995 per person + VAT

Scheduled Dates

We don’t currently have any dates scheduled for this course, but it’s always worth contacting us to see if we’ll add some. Alternatively, ask us about organizing a customized course at your office (we'll provide and set up the computers, or an online course tailored to your needs.