

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