



OPENAI API WITH PYTHON

BY ELITE INDIGO

Enhance your team's efficiency and master the art of leveraging OpenAI's API with Python to drive innovation and automation.

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OpenAI API with Python

- **Synopsis**

This interactive 2-day workshop will provide participants with hands-on experience in using the OpenAI API with Python. Participants will learn how to integrate powerful language models from OpenAI into their applications, such as chatbots, content generators, and more, while gaining practical knowledge on API parameters and best practices.

- **What You'll Learn**

You will learn how to set up and use the OpenAI API with Python, explore key API parameters, build AI-powered applications such as chatbots and content generators, optimize API usage, troubleshooting common issues, and understand best practices for deploying OpenAI models in real-world scenarios.

- **Who Should Attend**

This course is designed for Python developers, AI enthusiasts, product managers, and entrepreneurs who want to learn how to integrate OpenAI's API into real-world applications.

- **Prerequisite**

Basic understanding of python programming.

- **Methodology**

Theoretical insights with hands-on practical exercises.

- **Duration**

2-day Full Workshop.



OpenAI API with Python

• Course Outline & Schedule (Day 1)

Duration	Details
3 Hours	• Introduction to OpenAI AI and API Basics
	• Setup OpenAI Account & OpenAI Playground
	• OpenAI Request Parameters
	• Pricing
	• Structured outputs using Prompt Engineering
	• Developing a simple Conversational AI
1 Hour	Lunch
4 Hours	• Text Summarization and Content Generation (Techniques for generating creative content, blog posts, and product descriptions using GPT models.)
	• Real-World Use Cases and Best Practices (Practical use cases for integrating the OpenAI API, such as sentiment analysis, automated customer support, and code generation.)
	• Troubleshooting and Scaling Applications
	• Ethics Considerations and Responsibility

OpenAI API with Python

• Course Outline & Schedule (Day 2)

Duration	Details
3 Hours	• Generating Images
	• Processing Audio Files
	• Basic Fine-Tuning and Conversational AI
1 Hour	Lunch
4 Hours	• Develop a unified dashboard for AI models
	• Project
	• Best Practices for API Usage

Disclaimer:

The use cases presented in this workshop are subject to change based on advancements in OpenAI's API capabilities and participant needs



ABOUT ELITE INDIGO

We are dedicated to empowering businesses to achieve their full potential. With a team of seasoned professionals and a wealth of industry experience, we offer tailored consulting services to help organizations overcome challenges and seize opportunities.

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