



MASTERING OPENAI USING PYTHON



BY ELITE INDIGO



Walk away with practical 'quick wins' to effectively integrate
LLMs and Agentic AI into your engineering workflows and
enhance productivity immediately.



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100% HRDF Claimable

Mastering OpenAI using Python

• Program Overview

Mastering OpenAI using Python is a hands-on, 2-day workshop designed to equip participants with the practical skills to build powerful AI-driven solutions using OpenAI's API. From generating text and images to transcribing audio and customizing models, you'll learn how to apply AI in real-world scenarios using Python. This course emphasizes prompt engineering, API optimization, and responsible AI practices. Ideal for developers, tech leads, and innovators, the training combines clear instruction with practical exercises to help you turn ideas into intelligent applications quickly and effectively.

• Learning Objectives

By the end of the course, participants will be able to:

- Understand OpenAI's Ecosystem
- Develop AI-Powered Applications
- Master Prompt Engineering
- Integrate AI into Workflows

• Duration Two (2) Full-Day Workshop;



Mastering OpenAI using Python

• Course Schedule (Day 1)

DAY/TIME	Description
30 Minutes	Introduction
1 Hour	Module 1: <ul style="list-style-type: none"> • Introduction to OpenAI: Capabilities, Models & Use Cases • Navigating API Parameters: Prompts, Temperature, Tokens, and More • Creating Effective Prompts
1 Hour	Module 2: <ul style="list-style-type: none"> • Setting Up Your OpenAI API Access & Using the Playground • Understanding Pricing & Token Efficiency
1 Hour	Module 3: <ul style="list-style-type: none"> • Crafting Effective Prompts for Reliable Output • Build Your First Chat Assistant in Python
1 Hour	Lunch
1 Hour 30 Minutes	Module 4: <ul style="list-style-type: none"> • Generating Written Content: Blogs, Emails & Product Descriptions • Automating Summarization for Reports & Long Documents
2 Hour 30 Minutes	Module 5: <ul style="list-style-type: none"> • Real-World Scenarios: AI for Customer Support, Coding, and More • Debugging Common API Issues & Improving Performance
30 Minutes	Recap and Discussion



Mastering OpenAI using Python

• Course Schedule (Day 2)

DAY/TIME	Description
30 Minutes	Introduction
1 Hour	Module 6: <ul style="list-style-type: none">• Creating AI Images• Transcribing Audio to Text
1 Hour	Module 7: <ul style="list-style-type: none">• Intro to Fine-Tuning: Customizing Models for Your Domain
1 Hour	Module 8: <ul style="list-style-type: none">• Enhancing Interactions with Smart Prompt Patterns
1 Hour	Lunch
1 Hour 30 Minutes	Module 9: <ul style="list-style-type: none">• Building a Unified Interface: AI Dashboard with Python• Advanced API Usage Tips & Integration Guidance
2 Hour 30 Minutes	Module 10: <ul style="list-style-type: none">• Final Project: Develop an End-to-End AI-Powered Solution
30 Minutes	Recap and Discussion



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.

WHY CHOOSE US?

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ARTIFICIAL INTELLIGENCE (AI)

Dive into the cutting-edge world of AI, exploring algorithms, data analysis and more.



TECHNICAL SKILL

Sharpen your technical prowess from programming, software and more.



SOFT SKILL

Develop essential interpersonal skills to excel in any professional setting.



LEADERSHIP SKILL

Unleash your leadership potential with our Leadership Skills course



TEAMBUILDING

Understand the dynamics of teamwork, communication, and synergy

