

## COURSE OUTLINE

# ARTIFICIAL INTELLIGENCE PRACTITIONER

Artificial intelligence (AI) and machine learning (ML) have become essential parts of the toolset for many organizations. When used effectively, these tools provide actionable insights that drive critical decisions and enable organizations to create exciting, new, and innovative products and services.

This course shows you how to apply various approaches and algorithms to solve business problems through AI and ML, all while following a methodical workflow for developing data-driven solutions.

## Course Details



### Duration

3 Days  
Monday - Wednesday  
9.00 am - 5.00 pm



### Location

Plaza Glomac, Kelana Jaya,  
Selangor



Educ8 Technology



### Prerequisite

Participants should have programming languages such as Python, R, and Java and understanding of basic mathematics and statistics.



### Target Group

This course is directed at professionals who looking to gain expertise in the field of Artificial intelligence (AI) and machine learning (ML)

## Course Objectives

After completing this course, participants are expected to be able to:

- Solve a given business problem using AI and ML.
- Understanding the value of AI applications over other applications
- Learning how to analyze daily problems and create Artificial Intelligence solutions
- Gaining a deeper understanding of the latest innovative technologies and apply them to business
- Knowing the success and failure factors in AI related projects

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# Course Outline

## **Lesson 1: AI Fundamentals**

Topic A: AI Concepts

Topic B: Generative AI Concepts

## **Lesson 2: Generating Text Using AI**

Topic A: Identify Text Generation Concepts

Topic B: Solve Business Problems Using Text Generation

## **Lesson 3: Generating Code Using AI**

Topic A: Identify Code Generation Concepts

Topic B: Solve Business Problems Using Code Generation

## **Lesson 4: Generating Images and Video Using AI**

Topic A: Identify Image and Video Generation Concepts

Topic B: Solve Business Problems Using Image and Video Generation

## **Lesson 5: Generating Audio Using AI**

Topic A: Identify Audio Generation Concepts

Topic B: Solve Business Problems Using Audio Generation

## **Lesson 6: Identifying Challenges of Generative AI**

Topic A: Identify Shortcomings of Generative AI

Topic B: Identify Ethical Risks of Generative AI

Topic C: Identify Business Concerns of Generative AI

## **Lesson 7: Implementing Business Strategies for Generative AI**

Topic A: Apply Best Practices for Generative AI in the Organization

Topic B: Evaluate the Results of Generative AI Projects

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