





INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)

In this course you will learn what Artificial Intelligence (AI) is, explore use cases and applications of AI, understand AI concepts and terms like machine learning, deep learning and neural networks. You will be exposed to various issues and concerns surrounding AI such as ethics and bias, & jobs, and get advice from experts about learning and starting a career in AI. You will also demonstrate AI in action with a mini project.

Course Details

 <p>Duration</p> <p>5 Days</p>	 <p>Target Group</p> <ul style="list-style-type: none"> All level 	 <p>Pre-Requisite</p> <ul style="list-style-type: none"> End-user skills with Windows-based PCs Basic knowledge of computing concepts 	 <p>Certification</p> <ul style="list-style-type: none"> Certificate of Completion
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Course Objectives

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

- Describe what is AI, its applications, use cases, and how it is transforming our lives
- Explain terms like Machine Learning, Deep Learning, and Neural Networks
- Describe several issues and ethical concerns surrounding AI
- Articulate advice from experts about learning and starting a career in AI

Course Outline

Lesson 1 - What is AI? Applications and Example of AI

- Introducing AI
- Generative AI Overview and Use Cases
- Impact and Examples of AI
- Some Applications of AI
- Famous applications of AI from IBM
- Generative AI Applications

Lesson 2 - AI Concepts, Terminology, and Application Areas

- Cognitive Computing (Perception, Learning, Reasoning)
- Terminology and Related Concepts
- Machine Learning
- Machine Learning Techniques and Training
- Deep Learning
- Neural Networks
- Key Fields of Application in AI
- Natural Language Processing, Speech, Computer Vision
- Self Driving Cars

Lesson 3 - AI: Issues, Concerns and Ethical Considerations

- Exploring Today's AI Concerns
- Exploring AI and Ethics
- Defining AI Ethics
- Understanding Bias and AI
- AI Ethics and Regulations
- AI Ethics, Governance, and ESG

Lesson 4 - The future with AI, and AI in action

- The evolution and future of AI
- Future with AI
- The AI Ladder - The Journey for Adopting AI Successfully
- Advice for a career in AI