

## ISACA Artificial Intelligence Fundamentals (CET)

### COURSE OVERVIEW

The ISACA Artificial Intelligence Fundamentals (CET) course provides a comprehensive introduction to the essential concepts, techniques, and applications of Artificial Intelligence (AI). It covers foundational topics such as machine learning, deep learning, neural networks, and natural language processing (NLP), while also addressing ethical, legal, and societal considerations associated with AI. Participants will gain practical insights into AI governance, risk management, compliance, and the impact of AI across various industries. Through this course, delegates will acquire the foundational knowledge necessary to apply AI principles to real-world scenarios and prepare for more advanced studies in AI and related technologies.

### WHO SHOULD ATTEND?

Current IT Professionals looking to upskill to broaden their IT knowledge and skills or keep up-to-date with emerging technologies. IT Audit, risk, security and governance professionals looking to gain a fundamental understanding of emerging technology knowledge and skills. Those new to IT, students, recent graduates and career changers looking to differentiate themselves from other job candidates.

### COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the fundamental concepts of Artificial Intelligence (AI) and its various applications.
- Identify the key components of AI systems and their functionalities.
- Recognize the ethical, legal, and societal implications of AI.
- Explain the basics of machine learning, deep learning, and neural networks.
- Understand natural language processing (NLP) and its significance in AI.
- Describe AI governance, risk management, and compliance.
- Apply AI principles to solve real-world problems.
- Demonstrate knowledge of AI tools, techniques, and frameworks.
- Assess the impact of AI on different industries and sectors.
- Prepare for further advanced studies in AI and related technologies.

### KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- AI concepts and terminology.
- Machine learning basics.
- Neural networks overview.
- Natural language processing.
- AI in business and IT.
- Ethical considerations in AI.
- AI governance and risk.
- Real-world AI applications.
- Emerging AI trends.
- Exam preparation essentials.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded



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