

BCS Foundation Certificate in Artificial Intelligence Course

Course Duration : 24 Hours

Course code : BCS-AI-101

1. Course Overview

The BCS Foundation Certificate in Artificial Intelligence Course is designed to provide a solid understanding of AI concepts, technologies, and their impact on modern businesses. This course introduces learners to the fundamentals of Artificial Intelligence, including machine learning, data-driven decision-making, and automation.

2. What you'll learn?

- Fundamentals of Artificial Intelligence
- Overview of machine learning concepts
- AI applications in business and industries
- Data, algorithms, and decision-making
- Ethical and social implications of AI
- Preparation for BCS AI Foundation certification exam

3. Target Audience

- Business professionals and managers
- Aspiring AI enthusiasts and beginners
- IT professionals and consultants
- Project managers and analysts
- Students interested in AI fundamentals

4. Pre-Requisites

- Basic understanding of business or IT concepts
- Interest in Artificial Intelligence
- No technical or programming experience required

5. Course Content (Modules)

Module 1: Introduction to Artificial Intelligence

- Definition and history of AI
- Types of AI and key concepts
- AI in everyday life

Module 2: Machine Learning Basics

- Overview of machine learning
- Supervised and unsupervised learning
- Data and algorithms

Module 3: AI in Business

- AI applications across industries
- Benefits and challenges of AI adoption
- Case studies

Module 4: Ethics and Risks of AI

- Ethical considerations
- Bias and fairness
- Privacy and security concerns

Module 5: Preparing for BCS Certification

- Exam structure and format
- Key topics revision
- Practice questions and mock tests

