

# BCS Foundation Certificate in Architecture Concepts and Domains Course

**Course Duration : 12 Hours**

**Course code : BCS-EAI-104**

## 1. Course Overview

The BCS Foundation Certificate in the Ethical Build of AI Course is designed to provide learners with a strong understanding of ethical principles in artificial intelligence development. This course focuses on how AI systems should be designed, developed, and deployed responsibly to ensure fairness, transparency, and accountability.

## 2. What you'll learn?

- Fundamentals of ethical AI principles
- Identifying and mitigating bias in AI systems
- Data privacy and security considerations
- AI governance and regulatory frameworks
- Responsible AI development practices
- Preparation for BCS Foundation certification exam

## 3. Target Audience

- AI and data professionals
- Business leaders and decision-makers
- IT professionals and developers
- Compliance and risk management professionals
- Students and beginners interested in AI ethics

## 4. Pre-Requisites

- Basic understanding of AI or technology concepts
- Interest in ethics, governance, and AI
- No prior coding experience required

## 5. Course Content (Modules)

### **Module 1: Introduction to Ethical AI**

- Overview of AI ethics
- Importance of responsible AI
- Key ethical principles

### **Module 2: Bias, Fairness & Transparency**

- Understanding bias in AI systems
- Ensuring fairness and transparency
- Ethical decision-making

### **Module 3: Data Privacy & Security**

- Data protection principles
- Privacy regulations
- Secure AI practices

### **Module 4: Governance & Compliance**

- AI governance frameworks
- Legal and regulatory requirements
- Organizational policies

### **Module 5: Case Studies & Certification Preparation**

- Real-world ethical challenges
- Best practices
- BCS Foundation exam preparation