

BCS Foundation Award Course – Understanding the Role of Ethics in the Responsible Use of AI

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Course Title – BCS Foundation Award – Understanding the Role of Ethics in the Responsible Use of AI	Course duration – 1 day
Exam - included	Exam type - Invigilated
Qualification – BCS Foundation Award - Understanding the Role of Ethics in the Responsible Use of AI	

Course Syllabus

1. The organisational impact and the level of responsibility of Artificial Intelligence

- 1.1 Identify the levels of responsibility AI has and explain the impact on the organisation.
- 1.2 Explain the difficulty with establishing ownership of AI and where the responsibility lies.
- 1.3 Explain the need for an organisation to define appropriate use of AI.
- 1.4 Determine the need for protecting wider society.
- 1.5 Describe the typical roles in implementing and using AI.

2. Scaling up the impact and responsibility of AI to society

- 2.1 Explain the potential ethical implications of AI for society.
- 2.2 Describe the impact of AI on sustainability and how it can be leveraged to achieve sustainability goals.
- 2.3 Identify the applicable standards and legislation that affect the use and build of AI.

3. Potential harms and safeguards

- 3.1 Identify the areas of concern with AI development.
- 3.2 Explain how an ethics-first culture can reduce the concerns associated with AI development.
- 3.3 Describe key aspects of a visible ethical AI culture.
- 3.4 Explain the role corporate governance has in supporting responsible AI.

4. The role of humans in an AI World

- 4.1 Describe the level of responsibility of humans as we move towards a more automated world.
- 4.2 Identify how AI allows humans to elevate their position.
- 4.3 Identify the unique strengths humans have over AI technologies.

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Course Overview

Our BCS Foundation Award in Understanding the Role of Ethics in the Responsible Use of AI is designed for anyone wishing to gain an understanding of how an ethical culture can support and ensure responsible use of AI.

AI is increasing in its use. A presence within our workplaces and our homes, there is a greater need now more than ever to understand the moral implications associated with AI and how it is impacting on society. This award considers the responsibility of organisations and society towards ensuring AI is implemented for the good of others. It considers the potential harm AI may pose, and the safeguards that can be implemented to ensure it is used safely, ethically, and for the good of society. You will be exploring the benefits associated with AI and the potential value it can add to the continued evolution of humankind - if managed well.

Learning Outcomes

Upon completion of the award, you will be able to demonstrate:

- The impact and level of responsibility of AI in an organisation
- Scaling up the impact and responsibility of AI to society
- The potential harm and safeguards
- The role of humans in an AI world

Who should attend?

This award is suitable for any individual wishing to understand the opportunities presented by AI and how these can benefit an organisation.

Entry-Level Requirements

There are no specific entry requirements for this award. However, some professional experience in a business or IT environment may be helpful.

What's included?

1 day in-person classroom training or 1-day virtual online training

Exam information

This award is assessed through completion of an invigilated online exam which candidates will only be able to access at the date and time they are registered to attend.

Type	18 multiple choice questions, 1 scenario-based question
Duration	30 minutes
Supervised	Yes
Open book	No (no materials can be taken into the examination room)
Passmark	13/20 (65%)
Delivery	Digital format only

Adjustments and/or additional time can be requested in line with the BCS reasonable adjustments policy for candidates with a disability, or other special considerations, including English as a second language.

Qualifications

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What else?

This award has been created alongside a selection of other awards available from BCS, which offer candidates a clear pathway of progression into other disciplines of IT. This makes it ideally suited for those looking for a change of career, an upskilling workforce, and sustainable employers.

This award counts towards achieving your Foundation Certificate in AI and/or your Foundation Diploma in AI.

To receive the Foundation Certificate in AI you need to achieve **four awards** – one award from each of the categories

1. **Business innovation**
2. **Data**
3. **Ethics**
4. **Machine learning and other AI techniques**

To receive the Foundation Diploma in AI you need to **achieve eight awards in total** – one or more award from each of the categories

The courses are as follows:

- **How AI can support your organisation**
- **How to manage risk**
- **Understanding the problem and implementing the solution**
- **Understanding data in your organisation**
- **Big Data**
- **Data visualisation**
- **Understanding ethical principles in the IT profession**
- **Understanding the role of ethics in the responsible use of AI**
- **AI and the digital ecosystem**
- **Knowledge-based systems**
- **Smart products, robotics and automation**
- **Machine learning**
- **Generative AI**