

# Course Information Sheet

## Exploring Artificial Intelligence



Demystify the world of AI! Explore the concepts, applications, and impact of artificial intelligence in our lives.

### Course Description:

Are you curious about the future of technology? This engaging 8-week course, Exploring Artificial Intelligence, takes you on a thought-provoking journey into the exciting world of AI. Demystify complex concepts like machine learning and deep learning. Explore the real-world applications of AI in diverse fields like healthcare, finance, and robotics. Discuss the ethical considerations and potential impact of AI on society. Through interactive lectures, case studies, and discussions, you'll gain a solid understanding of AI and its potential to reshape the world we live in. Join us and become an informed citizen in the age of AI!

### What will I learn?

- **Week 1 & 2:** Foundations of Artificial Intelligence - Unveil the core concepts of AI, explore different types of AI (machine learning, deep learning, etc.), and understand how intelligent machines learn and make decisions.
- **Week 3 & 4:** Machine Learning & Algorithms - Demystify the power of machine learning, delve into key algorithms like decision trees and neural networks, and explore their real-world applications.
- **Week 5 & 6:** AI in Action - Discover how AI is revolutionising various industries (e.g., healthcare, finance, transportation), analyse case studies of successful AI implementations, and discuss the ethical considerations involved.
- **Week 7 & 8:** The Future of AI - Explore the potential impact of AI on society, discuss the challenges and opportunities it presents, and envision the future of human-machine collaboration.

### How will I be assessed?

- **Formative:** Weekly quizzes, online discussions, and interactive activities will test your understanding and encourage critical thinking about AI.
- **Summative:** A final project where you choose an area of your interest (e.g., AI in healthcare, ethical considerations of AI) and research it in-depth, presenting your findings and engaging in a discussion with the class.

### **Who is this course for?**

This course is open to anyone curious about artificial intelligence and its impact on our world. No prior technical knowledge is required.

### **Who is your target audience?**

This course is designed for learners hoping to develop a new level of understanding of artificial intelligence. It caters to those who want to explore the core concepts and applications of AI, delve into the ethical considerations, and gain the knowledge to become informed citizens in the age of AI.

### **Progression Opportunities:**

After completing this course, you can delve deeper into specific areas of AI that pique your interest (e.g., machine learning, computer science). Consider pursuing further studies in artificial intelligence, data science, or computer science programs offered by universities across the UK.

### **Career or Job Enhancement Pathways:**

This course can be a stepping stone towards various careers in the growing field of AI, including:

- AI Developer
- Data Scientist
- Machine Learning Engineer
- AI Ethicist

### **How do I enrol?**

If you are paying the full fee, the quickest way to enrol is online at [www.oucoursesouthwest.co.uk](http://www.oucoursesouthwest.co.uk), simply create an account and select enrol now. Alternatively, you will need to speak to one of our customer service team on 01752 660713.

### **How will the course be delivered?**

This is a practical course, and the sessions will include tutor-led demonstrations, learner-led group activities, instruction and repetition. These will form part of the delivery together with one-to-one support as required.

### **Will I need to practise outside the classroom?**

You will be encouraged to review your notes between lessons to ensure maximum benefit from your course. It is always useful to practise your skills between sessions. Your tutor may encourage home learning, or independent research.

### **How will I know I'm making progress?**

During the first session, your tutor will discuss your goals and current level in relation to the course. Based on this assessment, you will agree individual targets which you will record in your individual

learning plan (ILP). You and your tutor will review your targets regularly to ensure that you are making progress; these will be written in your individual learning plan.

### What will I need?

Please bring a notepad, and pen to each session. You may wish to bring a file for any handouts. A laptop with internet access is required for completion of coursework and home learning outside of the classroom.

### Please note:

Most courses attract a subsidy from the Education and Skills Funding Agency (ESFA). It is a requirement of the ESFA that you complete various forms at different stages of your course, further information is available on request. Courses are subject to a minimum number of enrolments and could be cancelled if recruitment is low. In some cases, an alternative class at a different location may be offered.

Terms and conditions are available at

<https://www.onsouthwest.co.uk/learner-information/essential-information-for-every-learner>

Room numbers are subject to change - please check when you arrive at the venue.

