PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Introduction To Artificial Intelligence (AI) Ethics	
Exam: Not Included	**Exam Type**: No Exam
Qualification: Certificate Of Completion	

Course Syllabus

Our Introduction To Artificial Intelligence (AI) Ethics online training course will cover the following topics:

Module 1: Understanding AI Ethics Fundamentals

- Introduction to AI Ethics
- Ethical Challenges and Concerns in AI
- Lets explore Some Case Studies Highlighting Ethical Dilemmas
- Professional Responsibility in AI Ethics
- Key Ethical Principles
- Ethical Considerations in Decision making Process
- Balancing Competing Ethical Principles in AI Applications
- Ethical Considerations in AI Systems Design
- legal and regulatory Landscapes
- Examination of Legal and regulatory frameworks
- Understanding the Role of Policy makers and Organisations
- Ethical and Legal Implications for AI Projects

Module 2: Fairness and Bias in AI

- Understanding Biases in AI
- Evaluating and mitigating Bias in AI Systems
- Ensuring Fairness in AI Decision making
- Ethical Considerations in Fairness Trade-offs
- The Importance of Transparency and Explainability
- Techniques and approaches for Transparency
- Techniques and approaches for Explainability
- Ethical Considerations in Transparency and Explainability
- Privacy Concerns in AI Applications
- Strategies for Protecting User Data
- Compliance with Privacy Regulations
- Ethical Considerations in Privacy Protection

Module 3: Ethical Considerations in AI Implementation

- Establishing Accountability in AI Systems
- Role and Responsibilities of Stakeholders
- Ethical Considerations in AI Project Management and Governance
- Addressing Bias and Unintended Consequences

- Societal Impact of AI
- Ethical Decision-making Frameworks
- Ethical Considerations in Specific Domains
- Responsible Innovation and AI for good
- Responsible Conduct of AI Research
- Ethical Implications of Emerging Technologies
- Ethical Guidelines and Standards
- Ethical Responsibilities of AI Professionals
- 20 Question Quiz

Course Overview

Our Introduction To Artificial Intelligence (AI) Ethics online training course will explore the fundamental principles of AI ethics and equip you with the knowledge and skills to navigate the ethical challenges inherent in Artificial Intelligence (AI).

Course Learning Outcomes

Our Introduction To Artificial Intelligence (AI) Ethics online training course will journey into the ethical dimensions of Artificial Intelligence (AI), and help you to shape a responsible and ethically-conscious AI future. Register now to become a leader in the responsible development and deployment of AI technologies.

Audience

Our Introduction To Artificial Intelligence (AI) Ethics online training course is is designed for a diverse audience that includes professionals, decision-makers, and enthusiasts from various fields. Below is a list of roles who would benefit most from taking this course, though anyone interested in AI is welcome:

- Engineers
- Scientists
- Professional Research Managers
- Chief Technical Officers
- Chief Information Officers
- Organisational Change Practitioners & Managers
- Business Change Practitioners & Managers
- Service Architects & Managers
- Program & Planning Managers
- AI Project Managers
- Service Provider Portfolio Strategists / Leads
- Process Architects & Managers
- Business Strategists & Consultants
- Web Page Developers
- AI Researchers
- AI Engineers
- AI Data Analysts
- Data Scientists
- Machine Learning Engineers
- Deep Learning Engineers
- Robotics Scientists

- Big Data Engineers
- Business Intelligence Developers
- Research Scientists
- Product Managers
- User Experience (UX) Designers / Developers
- Natural Language Processing Engineers

Entry-Level Requirements

There are no entry-level requirements for our Introduction To Artificial Intelligence (AI) Ethics online training course.

It is highly recommended that you have a good knowledge of computers and a basic understanding of data using computers, for example: spreadsheets.

Recommended Reading

There is no recommended reading associated with our Introduction To Artificial Intelligence (AI) Ethics online training course.

What's Included

Our Introduction To Artificial Intelligence (AI) Ethics online training course includes:

- Quizzes
- Interactive Lessons
- Certificate Of Completion

Exam Information

There is no formal examination associated with our Introduction To Artificial Intelligence (AI) Ethics online training course.

However, it does culminate with a twenty-question multiple-choice quiz.

Once you have completed our Introduction To Artificial Intelligence (AI) Ethics online training course, you will be issued with a certificate of completion.

What's Next

Our BCS Artificial Intelligence (AI) Foundation online training course will teach you about AI, Machine Learning and Neural Networks - you can use this knowledge in your current or future career. You will explore the AI and technological requirements to develop a machine learning portfolio and continue with self-study beyond the scope of our BCS Artificial Intelligence (AI) Foundation online training course

Additional Information

Our Introduction To Artificial Intelligence (AI) Ethics online training course will teach you about the fundamental ethical principles that underpin responsible AI development and implementation.