London TDM

Artificial Intelligence and Data Science Training Courses

Course Venue: Malaysia - Kuala Lumpur

Course Date: From 11 January 2026 To 15 January 2026

Course Place: Royale Chullan Hotel

Course Fees: 6,000 USD

Introduction

The "Ethics and Governance in AI" course is designed to provide professionals with a comprehensive understanding of the ethical considerations and governance frameworks essential in the development and deployment of Artificial Intelligence technologies. Through this 5-day course, participants will engage with key ethical theories, governance models, and practical case studies, preparing them to implement ethical AI solutions effectively.

Objectives

- Understand fundamental ethical theories and their application in AI.
- Analyze various governance models for overseeing AI systems.
- Examine case studies to identify successful ethical AI implementations.
- Develop strategies for creating and maintaining ethical AI systems.
- Gain insights into international AI regulations and compliance requirements.

Course Outlines

Day 1: Introduction to AI Ethics and Governance

- Overview of AI technologies and their societal impact
- Introduction to ethical theories: utilitarianism, deontology, and virtue ethics
- The importance of ethics in AI development
- Current landscape of AI governance
- Exploration of primary ethical concerns: bias, privacy, and accountability

Day 2: Ethical Frameworks and Decision-Making

- Developing an ethical decision-making framework for AI
- Analyzing ethical dilemmas in AI through case studies
- Incorporating stakeholder perspectives in ethical AI planning
- AI transparency and explainability challenges
- Tools and resources for ethical AI evaluation

Day 3: Governance Models and Regulations

- Diverse models of AI governance: centralized vs decentralized approaches
- International AI regulations and compliance
- The role of government, industry, and academia in AI governance
- Implementing effective AI governance frameworks
- Case studies of governance failures and successes

Day 4: Developing Ethical AI Systems

- Building an ethical AI development lifecycle
- Conducting ethical impact assessments for AI projects
- Strategies for ensuring fairness and avoiding bias in AI
- Securing personal data in AI applications
- Workshop: Designing an ethical AI solution

Day 5: Future Trends and Challenges in AI Ethics and Governance

- The future of AI ethics and governance: emerging challenges and trends
- New technologies and their potential ethical implications
- The impact of AI on employment and economic structures
- Addressing global inequality through AI
- Final reflections and course wrap-up; participant presentations