

ICA Specialist Certificate in AI for Compliance Professionals

Syllabus

1 Essential concepts in AI

- Introduction
 - Who is the course suitable for?
 - What you will learn
- How do we define intelligence?
 - Defining artificial intelligence
 - A brief history of the technological development of AI
 - Categorising AI
- An overview of how AI thinks and functions
 - The core areas for the development of AI
 - The four types of artificial intelligence
- Real Life Concerns in the AI world
 - Overview of the advantages and disadvantages of AI
 - The future of AI
 - Fears regarding AI
- Conclusion

2 AI in RegTech

- Introduction to AI in RegTech
- The intersection of AI and RegTech
 - Overview of the key advantages of AI-driven RegTech
 - Exploring AI applications in RegTech
- AI RegTech tools
- Case study example of RegTech adoption
- Examples of existing RegTech solutions
- Summary of RegTech benefits
- Doomsday scenarios with AI adoption in RegTech
- Conclusion



3 Ethics

- Introduction
- What is ethics?
 - What is AI ethics?
 - Ethical ideas for compliance and AI
 - Applied ethics
 - The challenges of applied ethics
- Conclusion

4 Ethical dilemmas and AI

- Introduction
- Business ethics
 - Why business ethics?
- Applied ethics in financial regulatory compliance and governance
 - Applied ethics in the financial industry
- Case study: The Google/Maven Project, 2018
- The World Economic Forum's nine ethical issues in AI
- Conclusion

5 AI ethics

- Introduction
- Ethical framework for AI
- AI ethics: Theories and discussions
 - AI-assisted AI ethics
- Major compliance and ethics concerns in AI
 - Recommendations for compliance officers
 - Accountability and transparency
- Actionable, AI, accountability initiatives
 - Case study
 - Real-life cases
 - Considerations
- The changing role of a compliance officer
 - Skills and job scope of the AI ethicist or AI ethics officer
 - AI-related questions for compliance professionals
 - The job scope of the new AI ethics officer
- Conclusion