

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 42001IOT — AI Management Applied to Intelligent IoT

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference IIT-IOT-42001IOT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IOT-42001IOT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 AI Principles in IoT 5 chapters · 12 classes 85 marks • 1 Understanding AI Principles in the Context of IoT — 6 classes › 1.1 Define Core AI Concepts Essential for IoT › 1.2 Explore the Relationship Between AI and IoT Technologies › 1.3 Identify Key AI Principles Impacting IoT Applications › 1.4 Analyze Ethical Considerations of AI in IoT Systems › 1.5 Evaluate Real-World Examples of AI Integration in IoT › 1.6 Develop a Framework for Implementing AI Principles in IoT Projects • 2 Data Management and Governance in AI-Driven IoT Systems — 6 classes › 2.1 Identify Key Data Management Principles in AI-Driven IoT › 2.2 Assess the Role of Data Governance in IoT Systems › 2.3 Analyze Data Quality Metrics for AI Applications › 2.4 Explore Data Privacy Regulations Impacting IoT Solutions › 2.5 Develop a Data Management Strategy for AI-Enabled IoT › 2.6 Implement Best Practices for Data Governance in IoT Projects • 3 Machine Learning Techniques for Intelligent IoT Applications • 4 AI Models and Performance Optimization in IoT Devices • 5 Leadership and Strategic Decision-Making in AI-Powered IoT Projects	
2 Case Studies in AI and IoT 0 chapters 65 marks	
3 Hands-On Practical Application 0 chapters 105 marks	
4 Management and Leadership in AI-Driven Projects 0 chapters 65 marks	
5 Risk Management and Ethics in AI 0 chapters 45 marks	
6 Strategic AI Implementation 0 chapters 65 marks	

