

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 21090IHT — Health Informatics Harmonized Data Types

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference IIT-IHT-21090IHT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IHT-21090IHT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Data Governance Frameworks 5 chapters · 30 classes 85 marks • 1 Introduction to Data Governance in Health Informatics — 6 classes › 1.1 Define Data Governance in Health Informatics › 1.2 Identify Key Principles of Data Governance Frameworks › 1.3 Explore the Role of Data Governance in Healthcare Quality › 1.4 Analyze Compliance and Regulatory Requirements in Health Informatics › 1.5 Implement Data Stewardship Practices within Health Organizations › 1.6 Evaluate Real-World Case Studies of Data Governance Success • 2 Frameworks and Standards for Data Governance — 6 classes › 2.1 Define Key Concepts in Data Governance Frameworks › 2.2 Explore ISO 21090IHT Standards for Health Informatics › 2.3 Analyze the Role of Data Stewardship in Governance › 2.4 Compare Various Data Governance Frameworks › 2.5 Implement Core Principles of Data Governance › 2.6 Assess Real-World Applications of Data Governance Standards • 3 Data Stewardship and Lifecycle Management — 6 classes › 3.1 Define Data Stewardship Roles and Responsibilities › 3.2 Identify Key Data Lifecycle Stages › 3.3 Assess Data Quality and Integrity Practices › 3.4 Implement Data Stewardship Policies and Procedures › 3.5 Evaluate Compliance and Regulatory Requirements › 3.6 Develop a Data Lifecycle Management Strategy • 4 Compliance, Privacy, and Security in Data Governance — 6 classes › 4.1 Identify Key Regulations Affecting Data Privacy and Security › 4.2 Analyze the Impact of Compliance on Data Governance Frameworks › 4.3 Evaluate Privacy Risks in Health Informatics Data Management › 4.4 Develop Strategies for Ensuring Data Security Compliance › 4.5 Implement Best Practices for Data Privacy in Health Organizations › 4.6 Create an Action Plan for Enhancing Data Governance Frameworks • 5 Evaluating and Improving Governance Frameworks — 6 classes › 5.1 Analyze Current Governance Frameworks for Effectiveness › 5.2 Identify Key Stakeholders in Data Governance › 5.3 Assess Compliance With Industry Standards › 5.4 Develop Metrics for Evaluating Governance Success › 5.5 Create Action Plans for Framework Improvements › 5.6 Implement Feedback Loops for Continuous Enhancement

• 1 Understanding ISO Standards in Health Informatics — 6 classes

- › 1.1 Define ISO Standards and Their Importance in Health Informatics
- › 1.2 Identify Key ISO Standards Relevant to Health Informatics
- › 1.3 Explain the Structure and Components of ISO 21090
- › 1.4 Explore the Role of Data Harmonization in Health Informatics
- › 1.5 Analyze Case Studies of ISO Standards Implementation in Healthcare
- › 1.6 Apply ISO Principles to Develop a Health Informatics Project Framework

• 2 Key ISO Standards Relevant to Health IT — 6 classes

- › 2.1 Explore the Importance of ISO Standards in Health IT
- › 2.2 Identify Key ISO Standards Relevant to Health Informatics
- › 2.3 Analyze ISO 21090 and Its Impact on Health Data Management
- › 2.4 Compare ISO 27001 and ISO 27799 for Health Data Security
- › 2.5 Discuss the Role of ISO 9001 in Quality Management in Health IT
- › 2.6 Implement Best Practices for Adhering to ISO Standards in Health IT

• 3 Implementation of ISO 21090IHT in Health Systems — 6 classes

- › 3.1 Understand the Core Principles of ISO 21090IHT
- › 3.2 Identify Key Components of Health Informatics Data Types
- › 3.3 Explore the Benefits of Implementing ISO 21090IHT in Health Systems
- › 3.4 Assess Stakeholder Roles in the Implementation Process
- › 3.5 Develop a Step-by-Step Implementation Plan for ISO 21090IHT
- › 3.6 Evaluate the Impact of ISO 21090IHT on Health System Performance

• 4 Evaluating Compliance with ISO Standards — 6 classes

- › 4.1 Understand ISO Standards and Their Importance in Health Informatics
- › 4.2 Identify Key Components of ISO 21090IHT
- › 4.3 Assessing Compliance: Techniques and Frameworks
- › 4.4 Developing Evaluation Criteria for ISO Compliance
- › 4.5 Conducting a Compliance Audit: Step-by-Step Process
- › 4.6 Reporting Findings and Implementing Improvements for ISO Compliance

• 5 Future Trends in ISO Standards for Health Informatics — 6 classes

- › 5.1 Explore the Evolution of ISO Standards in Health Informatics
- › 5.2 Identify Key Emerging Trends Impacting ISO Health Data Standards
- › 5.3 Analyze the Role of Technology in Shaping Future ISO Standards
- › 5.4 Evaluate the Implications of Standardization on Health Data Interoperability
- › 5.5 Develop Strategies for Integrating Future ISO Standards into Practice
- › 5.6 Create a Roadmap for Adapting to ISO Standards in Health Informatics