



Consulting and Training | Reach New Heights

Course Name

certified data privacy engineer

Sector Name

Information Technology

Document Type

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Course Introduction

This intensive **5-day** preparation course is designed to equip professionals with the knowledge, technical depth, and practical skills required to design, build, and manage privacy solutions aligned with global privacy standards and enterprise requirements.

The course covers all four domains of the CDPSE certification:

- ✓ Privacy Governance
- ✓ Privacy Risk Management and Compliance
- ✓ Data Life Cycle Management
- ✓ Privacy Engineering

Participants will gain both conceptual understanding and hands-on application experience, focusing on real-world privacy engineering scenarios, risk analysis, and technology implementation.

The course integrates:

- ✓ Practical case studies
- ✓ Scenario-based discussions
- ✓ Architecture design exercises

✓ Mock exam preparation

✓ Best practices aligned with industry frameworks

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Target Audience

- ✓ **Data Privacy Professionals:** Individuals who are currently working in data privacy roles or wish to advance their careers in this field. This could include data protection officers, privacy analysts, and compliance officers.
- ✓ **IT Professionals:** Those involved in technology and IT infrastructure who need to understand the technical aspects of data privacy, security controls, and compliance measures.
- ✓ **Legal and Compliance Professionals:** Legal teams or compliance officers who need to align business operations with data protection laws such as GDPR, CCPA, and other regulations.
- ✓ **Security Engineers:** Professionals who work on protecting data, networks, and applications and need to integrate privacy into their security frameworks.
- ✓ **Risk Management Professionals:** Individuals responsible for identifying, assessing, and mitigating risks related to data privacy within an organization.
- ✓ **Privacy Consultants:** Professionals who advise organizations on best practices and regulatory compliance regarding data privacy and protection.

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Learning Objectives

- ✓ Explain core privacy governance principles and regulatory foundations.
- ✓ Design and implement privacy programs aligned with organizational strategy.
- ✓ Conduct privacy risk assessments, including Privacy Impact Assessments (PIA/DPIA).
- ✓ Manage data across its entire life cycle in compliance with privacy requirements.
- ✓ Apply privacy-by-design principles within system and software development.
- ✓ Implement privacy-related security controls such as encryption, IAM, and monitoring.
- ✓ Evaluate and deploy Privacy Enhancing Technologies (PETs).
- ✓ Integrate privacy considerations into AI and cloud-based environments.
- ✓ Analyze scenario-based exam questions and prepare effectively for the CDPSE exam.

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Course Outline

✓ DAY 01

Privacy Governance (Domain 1 - 20%)

Module 1: Foundations of Privacy Governance

- ✓ Definition of Personal Information and Sensitive Data
- ✓ Privacy Principles (Privacy by Design, Transparency, Accountability)
- ✓ Global Privacy Laws and Regulations Overview
- ✓ Organizational Privacy Policies and Documentation

Module 2: Privacy Operations

- ✓ Organizational Roles and Responsibilities (DPO, Privacy Office)
- ✓ Vendor and Third-Party Risk Management
- ✓ Incident and Breach Management
- ✓ Data Subject Rights and Request Handling (DSAR lifecycle)

Practical Exercise:

- ✓ Designing a Privacy Governance Model for an Enterprise

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Course Outline

✓ Day 02

Privacy Risk Management & Compliance (Domain 2 - 18%)

Module 3: Privacy Risk Management

- ✓ Privacy Risk Management Framework
- ✓ Risk Identification and Assessment
- ✓ Privacy Impact Assessment (PIA/DPIA)
- ✓ Threats and Vulnerabilities in Privacy Context
- ✓ Risk Treatment and Mitigation Strategies

Module 4: Privacy Compliance

- ✓ Privacy Frameworks (ISO 27701, NIST Privacy Framework)
- ✓ Compliance Monitoring and Metrics
- ✓ Audit Evidence and Artifacts
- ✓ Continuous Improvement

Workshop:

- ✓ Conducting a Sample Privacy Impact Assessment

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Course Outline

✓ Day 03

Data Life Cycle Management (Domain 3 - 23%)

Module 5: Data Collection and Processing

- ✓ Data Inventory and Classification
- ✓ Data Flow Mapping
- ✓ Data Quality and Accuracy
- ✓ Data Minimization and Purpose Limitation
- ✓ Privacy Risks in Analytics, AI, and Data Warehousing

Module 6: Data Persistence and Destruction

- ✓ Storage, Retention, and Archiving Policies
- ✓ Cross-Border Data Transfers
- ✓ Secure Data Disposal and Destruction Techniques
- ✓ Legal Hold and eDiscovery Considerations

Practical Exercise:

- ✓ Building a Data Flow Diagram and Retention Strategy

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Course Outline

✓ Day 04

Privacy Engineering (Part 1) (Domain 4 - 39%)

Module 7: Technology Foundations

- ✓ Infrastructure Models (On-Premises vs Cloud)
- ✓ Devices, Endpoints, and Network Connectivity
- ✓ APIs and Cloud-Native Architectures
- ✓ Secure Development Life Cycle (SDLC)
- ✓ DevSecOps Integration

Module 8: Privacy-Related Security Controls

- ✓ Asset Management
- ✓ Identity and Access Management (IAM)
- ✓ Least Privilege & Zero Trust Concepts
- ✓ Patch Management and System Hardening
- ✓ Encryption (At Rest, In Transit)
- ✓ Hashing, Tokenization

Lab Discussion:

✓ Designing Secure Privacy Architecture

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Course Outline

✓ **Day 05**

Privacy Engineering (Part 2) + Exam Preparation

Module 9: Advanced Privacy Controls

- ✓ Consent Management and Tagging
- ✓ Tracking Technologies and Cookie Governance
- ✓ Anonymization vs Pseudonymization
- ✓ Privacy Enhancing Technologies (PETs)
- ✓ AI/ML Privacy Considerations

Module 10: Monitoring and Continuous Improvement

- ✓ Logging and Monitoring for Privacy
- ✓ Privacy Metrics and Reporting
- ✓ Incident Detection and Response Integration

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
March 29, 2027	April 2, 2027	5 days	4250.00 \$	UAE , Dubai
May 10, 2027	May 14, 2027	5 days	5250.00 \$	England , London
Sept. 27, 2027	Oct. 1, 2027	5 days	5250.00 \$	Netherlands , Amsterdam
Dec. 27, 2026	Dec. 31, 2026	5 days	4250.00 \$	KSA , Riyadh
July 11, 2027	July 15, 2027	5 days	3250.00 \$ \$3250	Egypt , Cairo
Oct. 18, 2026	Oct. 22, 2026	5 days	3250.00 \$	Egypt , Cairo

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