

Program 3

Data Management, Privacy & Governance



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CENTRAL BANK OF EGYPT
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Program (3)

In-Person/Hybrid Delivery Models

Data Management, Privacy & Governance

 **New Giza University Campus**

This course equips participants with the frameworks and practices required to manage data, privacy, ethics, governance, and security for AI systems in banking. It focuses on building compliant, trustworthy, and scalable AI foundations aligned with regulatory, ethical, and operational requirements.



What You'll Learn



Design Robust

data management and quality frameworks for AI systems



Apply privacy regulations

and privacy-preserving techniques in AI development



Build ethical,

transparent, and accountable AI data practices



Focus on fairness,

explainability, accountability, and trust in AI



Best-practice

driven approach for sustainable AI adoption



Highlights



End-to-end coverage of data, privacy, ethics, governance, and security for AI



Strong alignment with banking regulations and international standards



Practical frameworks for implementation, monitoring, and compliance



Focus on fairness, explainability, accountability, and trust in AI



Best-practice driven approach for sustainable AI adoption



Modules Program (3)

A Module

Data Management Foundations

Covers banking data architectures, data quality frameworks, and lifecycle management. Focuses on structuring, maintaining, and governing high-quality data as a foundation for AI systems.

B Module

Data Privacy in Banking AI Systems

Addresses local and international privacy regulations and privacy-preserving techniques. Enables participants to embed privacy into AI data processing, assessment, and monitoring.

C Module

Ethical AI Data Practices

Focuses on ethical frameworks, bias mitigation, fairness, and explainability. Guides learners in building transparent, accountable, and trustworthy AI decision-making processes.

D Module

Data Governance for AI Banking Systems

Explains how to design AI data governance frameworks, define roles and responsibilities, and enforce policies. Emphasizes governance structures that ensure compliance and operational control.

E Module

Security Integration for AI Banking Systems

Covers AI-specific security architectures, controls, monitoring, and incident response. Focuses on securing data, models, and AI pipelines across development and production environments.

F Module

Implementation & Best Practices

Provides implementation strategies, change management approaches, and performance optimization frameworks. Helps organizations adopt AI responsibly while ensuring continuous improvement and sustainability.



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