

## Program 3

# Data Management, Privacy & Governance



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CENTRAL BANK OF EGYPT  
Egyptian Banking Institute

## 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 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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