



Digital Academy



Program 2

# Mastering the Essentials of AI



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CENTRAL BANK OF EGYPT  
Egyptian Banking Institute

# Program (2)

In-Person/Hybrid Delivery Models

## Abstract

 **New Giza University Campus**

This course delivers a practical and structured understanding of AI evolution with a strong focus on banking applications. It covers core AI paradigms, advanced algorithms, generative AI, and deployment practices, enabling participants to design and implement compliant, real-world AI solutions



### What You'll Learn



**Understand core AI**  
and machine learning paradigms  
and their banking applications



**Build and apply AI algorithms**  
for credit, risk, fraud, and  
customer analytics



**Design, evaluate,**  
and optimize AI models using  
banking-grade metrics



**Implement AI automation,**  
Best practices for integrating AI into  
legacy banking systems



**Prepare AI systems**  
for production deployment,  
monitoring, and future scalability



### Highlights



End-to-end coverage of AI evolution  
from core ML paradigms to advanced  
generative AI



Strong emphasis on real-world banking  
applications and regulatory compliance



Hands-on workshops, implementation  
exercises, and practical assessments



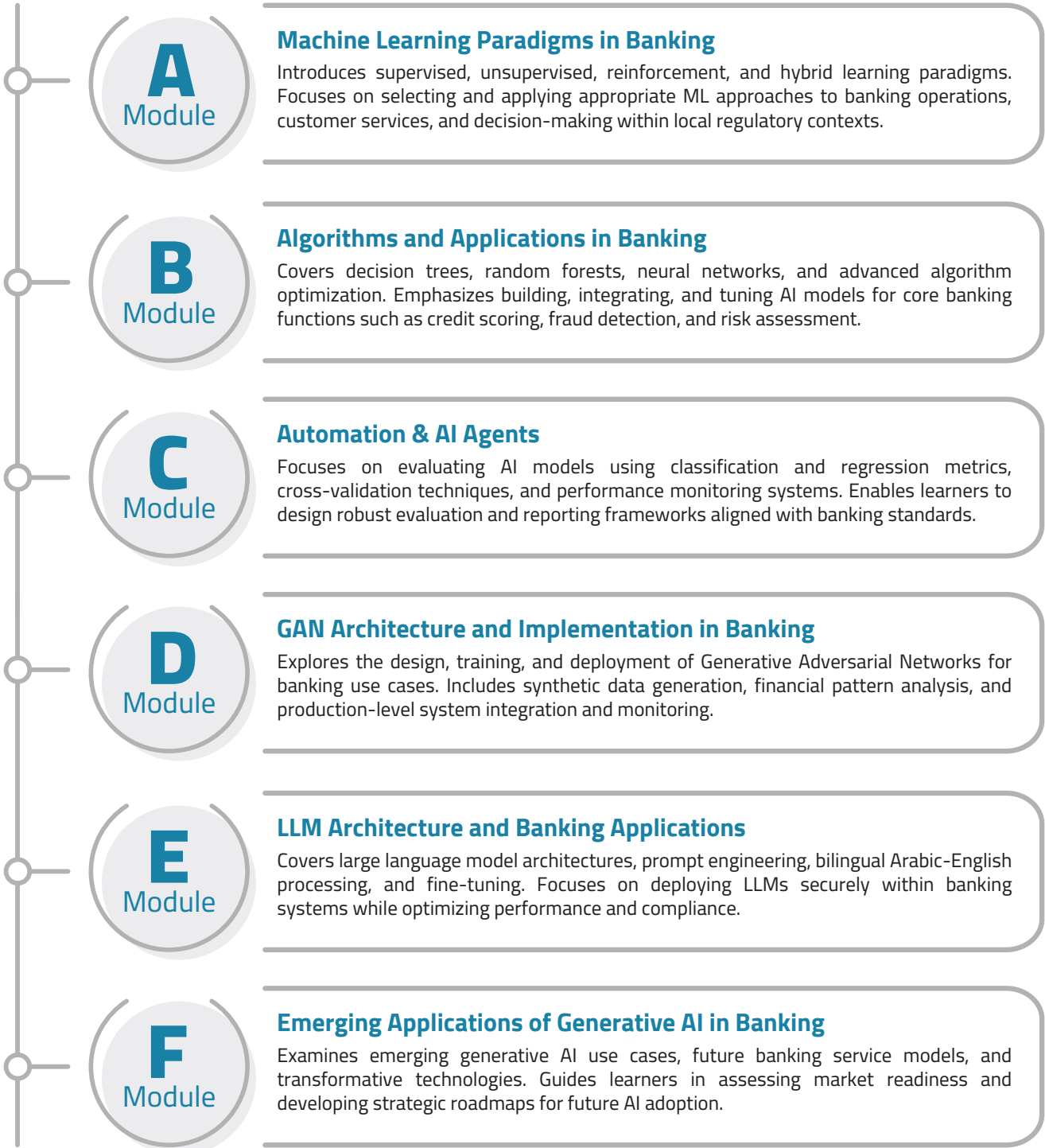
Focus on production deployment,  
monitoring, and performance  
optimization



Forward-looking perspective on  
emerging AI technologies and future  
banking landscapes



## Modules Program (2)





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