



CENTRAL BANK OF EGYPT  
Egyptian Banking Institute

**INNEOVATE**  
ENABLING TOMORROW

# AI Powered Transformation

for business leaders





## About this Course

In this course, you will understand the main concepts of Artificial Intelligence (AI), explore some of its applications across different industries with special focus on the financial domain applications. and learn how to use it to produce tangible business results. You will learn how to strategically come about adopting the AI journey and how to lead your organization through the shift. In addition, you will be exposed to the main issues and concerns surrounding AI use such as ethical concerns and the different risks that need to be mitigated.

## What You Will Learn

- Understand what AI is, its basic concepts and how it works.
- Understand the different applications of AI across industries and their economic impact.
- Learn how to create an AI strategy in alignment with the company strategy.
- Learn how to find AI opportunities, build AI competencies, and select the right infrastructure.
- Learn how to design a data-and AI-driven organization.
- Understand the risks of AI and how to mitigate them including the practice of Responsible AI
- Learn how to create the governance framework underlying the execution of the AI strategy
- Understand the leadership traits required and how to set up the organization for success

### AI Adoption - Strategy

Understand the elements of an AI strategy and learn how to define one for your enterprise. Study the maturity model and gain a deeper view of how to create a roadmap for AI adoption. Importance and key points  
Elements of an AI strategy  
Gartner's AI maturity mode

### AI Adoption - Execution

You will understand how to execute on your defined AI Strategy. Gain deeper insights on the AI adoption formula and the different alternatives for each dimension like build AI competencies and select the right infrastructure. You will also familiarize yourself with the importance of data and how to design your organization to be data driven.





## Learning Topics

### Understanding AI

Define AI, its scope and how its technologies attempt to mimic some of the human capabilities. Gain a deeper view of applications of AI technologies across the different industries and the business domains. Explore the market trends and the economic and financial impact of applying AI in the business domain.

- What is AI and how does it work?
- Market Trends, facts and figures.
- Practical cross-industry AI implementations
- Key economic and business implications of AI

### AI adoption formula

- Identifying AI opportunities and evaluate use cases
- Developing organizational AI competencies
- Designing Data and AI driven organizations
- Selecting the right infrastructure and technology

### Leading with AI

As a business leader, you have an important role in paving the way for success. In this section, you will gain deeper insights on how to drive the cultural change, create processes and frameworks to ensure governance of the AI adoption. You will also acquire knowledge about the different risks of AI and how to mitigate them.

- Making the cultural shift
- AI risks and how to navigate them
- Ethical concerns of AI and practice of responsible AI
- Managing the AI lifecycle.

