


E-Learning Training Program

# AI & Fintech

(On Demand)




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## **Program Overview**

This course is designed to provide an in-depth understanding of how artificial intelligence (AI) and other transformative technologies are reshaping the financial industry. Whether you're a tech professional, financial expert, or someone curious about the future of finance, this course will give you the knowledge and tools to stay ahead of the curve in this rapidly evolving field.

## **Program Objectives**

**Upon the completion of the program participants will be able to:**

- Understand how artificial intelligence (AI) and other technologies are transforming the financial industry.
- Explore cutting-edge topics such as machine learning, blockchain, crypto/digital assets, and embedded finance.
- Gain traction in the banking and finance sectors.

## **Program Contents**

**This program will cover 45 tutorials spread to 5 topics as the following:**

- Topic 1 : IT for Non-IT Professionals
- Topic 2 : Artificial Intelligence (AI)
- Topic 3 : AI Applications
- Topic 4 : AI Ethics
- Topic 5 : Digital & CryptoAssets

### **Topic 1: IT for Non-IT Professionals**

- Information Technology (IT) in Business
- IT Systems & Architecture
- APIs
- Data Security
- FinTech – An Introduction



## **Topic 2: Artificial Intelligence (AI)**

- AI & GenAI – An Introduction
- AI Implementation
- Responsible AI
- Data Science – Mathematical Methods
- Big Data
- Supervised Machine Learning – An Introduction
- Supervised Machine Learning in Practice
- Unsupervised Machine Learning
- Reinforcement Machine Learning & Neural Nets

## **Topic 3: AI Applications**

- AI Applications – Retail Credit Risk
- AI Applications – Corporate Credit Risk
- AI Applications – Fraud Detection & Prevention
- AI Applications – Customer Service
- AI Applications – Stock Screening
- AI Applications – Trading
- AI Applications – Derivatives Pricing
- AI Applications – Portfolio Management
- AI Applications – Robo-Advice
- AI Applications – Trade Processing
- AI Applications – Transaction Cost Analysis (TCA)
- AI Applications – Internet of Things (IoT)
- AI Applications – Regulatory Compliance

## **Topic 4: AI Ethics**

- AI Ethics – An Introduction
- AI Ethics – Key Principles
- AI Ethics – Key Issues
- AI Ethics – Bias & Discrimination
- AI Ethics – Data Privacy & Security
- AI Ethics – Generative AI
- AI Ethics – Case Studies



## **Topic 5: Digital & Crypto Assets**

- Digital Assets
- Cryptography
- Blockchain
- Crypto Assets – An Introduction
- Crypto Assets – Financial Crime Risks
- Crypto Assets – Regulation
- Crypto Derivatives
- DeFi
- Tokenization
- Stablecoins
- CBDCs

## **Program Administration**

### **Program Language**

The program will be delivered in English.

### **Program Study Hours**

21 Hours 40 Minutes

### **Training Delivery**

The program will be on demand in collaboration with INTUITION Platform

### **Target Audience**

Technology and financial professionals alike, or simply anyone curious about the future of finance.

### **Program Level**

Intermediate

### **Program Duration**

1 month from user activation date to complete all topics

### **Certification**

Certificate of Completion, after passing all topics with a minimum score of 70%.

### **Registration Fees**

90 Kuwaiti Dinar



**For further inquiries, please contact the program coordinator:**

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