



**BIG  
INNOVATION  
CENTRE**



**A PROFESSIONAL CERTIFICATE**

**GBP £698**

**COURSE START  
1ST OF JUNE  
1ST OF OCTOBER**

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# "AI IN FINANCE" COURSE

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**Explore the Artificial Intelligence revolution of the finance industry in just 20 hours and learn from those leading the way.**

**18 Modules - Video Lectures - Curated Readings - Expert Interviews - Quizzes - Peers Forum - ACCREDITED CERTIFICATE**

*"AI in Finance" is an online training course developed by thought leading academics and the first industry-led course for Artificial Intelligence in Finance, delivered by industry leaders who will share their experience, knowledge and unique insights. Learners are given a balanced, structured and comprehensive overview of the potential and challenges of AI in finance. They will gain insights from the entrepreneurs who are developing AI and the leaders of businesses and government implementing it. Special focus is on the role of technology, enterprise adoption of AI, impact on people, and the importance of ethics in AI.*

*The 20 hours course consists of video lectures, interviews with guest speakers and supplementary readings, which will guide the participators through 18 modules (M) of about an hour each. It includes quizzes to test the assimilation of knowledge. There will also be a forum to share your thoughts with a peer-group.*

***On successful completion, you will achieve an AI in Finance Certificate by Big Innovation Centre & CFTE, with the accreditation mark of the UK Continuing Professional Development (CPD) Service.***

# CURRICULUM

## AN INDUSTRY OVERVIEW OF AI

- M1: Introduction to Artificial Intelligence
- M2: Use cases of AI outside of Finance
- M3: Use cases of AI in Finance
- M4: Industry drivers of AI in Finance

## IMPLEMENTING AI IN AN ENTERPRISE

- M9: Integrating AI at a Strategic Level
- M10: Infrastructure for AI
- M11: The Role of People
- M12: Ethics and risks

## AI TECHNOLOGIES

- M5: AI, Machine Learning and Deep Learning
- M6: Building AI systems
- M7: Natural Language Processing
- M8: Recommendation Engine

## APPLICATIONS OF AI IN FINANCE

- M13: Wealth and Asset Management
- M14: Insurance
- M15: Customer Service
- M16: Robotic Process Automation
- M17: Credit Scoring
- M18: Compliance and Fraud Detection

# LEARNING OUTCOMES

## UPON COMPLETION, YOU SHOULD BE ABLE TO:

- Have a good understanding of the main concepts behind AI.
- Appreciate developments of AI, in the context of financial services and recognise its potential and limitations
- Identify use cases of AI in finance.
- Understand opportunities and challenges of implementing AI
- Think of ways to apply AI to the financial industry.

# BENEFITS

## PROFESSIONAL UPSKILLING

- Learn about the impact of AI in Finance at your own pace, with a curriculum designed by renowned academics.
- Get technical insights from 18 contributing experts, based on their wealth of experience in prominent industry settings across the globe.
- Learn about all the important technologies that are involved with Artificial intelligence and their applications and implementations.
- Gain a Professional Certificate on "AI in Finance", accredited by the UK Continuing Professional Development (CPD) Service.



**BIG  
INNOVATION  
CENTRE**

DESIGNED BY

**CFTE** Centre for Finance,  
Technology and  
Entrepreneurship

PLUS **NGEE ANN**  
POLYTECHNIC

