

AI in Finance and FinTech

COURSE OVERVIEW

This course provides a comprehensive introduction to how Artificial Intelligence (AI) is revolutionizing the finance and FinTech sectors. It covers how AI is applied in areas like fraud detection, credit risk assessment, algorithmic trading, and personalized financial services. Participants will learn how machine learning, natural language processing, and predictive analytics are used to enhance decision-making, automate processes, and improve customer engagement. Through this course participants will gain practical insights into how AI drives innovation, improves operational efficiency, and enhances customer experience in modern financial services.

WHO SHOULD ATTEND?

This course is designed for professionals in banking, insurance, investment, and financial technology who want to understand and apply AI in their work. Ideal participants include financial analysts, risk managers, compliance officers, product managers, and innovation leads. It is also valuable for startup founders, tech consultants, and decision-makers seeking to leverage AI for better financial services. No advanced programming skills are required.

COURSE OUTCOMES

Delegates will gain the knowledge and skills to:

- Understand the core principles of AI and its relevance in financial services.
- Apply machine learning and predictive analytics to financial decision-making.
- Identify AI use cases such as fraud detection, credit scoring, and algorithmic trading.
- Explore the role of natural language processing in financial automation.
- Evaluate risks, compliance, and ethical considerations in AI-driven finance.
- Understand how AI enhances customer service through chatbots and personalization.
- Analyze real-world FinTech innovations powered by AI.
- Develop strategies for implementing AI solutions in financial environments.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- AI and machine learning in financial services.
- Fraud detection and prevention using AI algorithms.
- AI applications in credit scoring and risk assessment.
- Algorithmic trading and investment strategy automation.
- Natural language processing for financial data and customer service.
- Predictive analytics for market and portfolio insights.
- AI-driven personalization in banking and financial apps.
- Regulatory, ethical, and compliance considerations.
- Case studies of AI adoption in banks, insurance, and FinTech firms.
- Strategies for integrating AI into existing financial systems.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded