

AI FOR FINANCE PROFESSIONALS

““Leveraging Artificial Intelligence to Drive Financial Insights, Decisions, and Performance””

Schedule

Date	Venue	Fees (Face-to-Face)
09 – 13 Feb 2026	Dubai, UAE	USD 3495 per delegate

► Available delivery methods: Face-to-Face & Online Training

Introduction

The financial services industry is experiencing a technological revolution, driven by the use of artificial intelligence (AI) to enhance decision-making, automate processes, and optimize performance. AI is being increasingly integrated into financial analysis, portfolio management, risk assessment, customer service, and regulatory compliance. Finance professionals must understand how to effectively apply AI technologies to gain a competitive edge and improve business outcomes.

This 5-day course is designed to introduce finance professionals to the key concepts, tools, and applications of AI in finance. Participants will learn how AI and machine learning can be used to enhance financial analysis, forecast trends, detect fraud, optimize investments, and improve client experiences. Through hands-on case studies and practical exercises, participants will gain the skills to integrate AI-driven strategies into their financial practices.

Objectives

- By the end of this course, participants will be able to:
- Understand the core principles and technologies of AI and machine learning
 - Apply AI techniques in financial analysis, portfolio management, and risk assessment
 - Leverage AI tools for data-driven decision-making in finance
 - Explore AI applications in fraud detection, regulatory compliance, and customer service
 - Understand the ethical considerations and challenges of using AI in financial services
 - Develop strategies for implementing AI solutions within their organization

Why Attend

- Learn how AI is transforming the financial services industry and how you can apply it to your work
- Gain hands-on experience with AI tools and techniques used in financial analysis and decision-making
- Improve your ability to assess and manage financial risks using AI-driven insights
- Enhance your portfolio management strategies with machine learning and predictive analytics
- Discover how AI can be used to automate routine tasks, improve customer experiences, and reduce costs
- Understand the potential ethical, legal, and regulatory challenges associated with AI in finance

Target Audience

This program is designed for:

- Finance professionals, including financial analysts, accountants, and portfolio managers
- Risk managers, compliance officers, and auditors looking to understand AI's role in financial risk management
- IT professionals working in financial institutions seeking to implement AI-driven solutions
- Data scientists, financial technology professionals, and entrepreneurs interested in applying AI to finance
- Anyone working in the financial services industry who wishes to gain a deeper understanding of AI's potential to enhance their practice

Individual Benefits

Key competencies that will be developed include:

- Proficiency in AI and machine learning tools and their applications in finance
- Enhanced skills in using AI for financial forecasting, decision-making, and risk management
- Understanding of how AI can optimize portfolio management and investment strategies
- Increased ability to detect fraud and manage compliance using AI technologies
- Knowledge of how to integrate AI solutions into financial business processes and operations

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Greater efficiency in financial operations through AI automation and data-driven insights
- Enhanced decision-making capabilities through predictive analytics and machine learning models
- Improved financial risk management and compliance through AI-based monitoring and detection
- Better customer experiences and service delivery through AI-driven chatbots and automation
- Stronger competitive advantage by leveraging cutting-edge technology in financial services

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- **Strategy Briefings** – Key concepts and best practices for implementing AI in finance
- **Case Studies** – Real-world examples of AI applications in financial institutions
- **Workshops** – Hands-on exercises to build AI models, analyze financial data, and optimize financial processes
- **Peer Exchange** – Group discussions and problem-solving on how to apply AI to different financial services sectors
- **Tools** – AI frameworks, machine learning models, and financial analytics software

Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

DAY 1 – Introduction to AI and Machine Learning in Finance

- Module 1: Overview of Artificial Intelligence (AI) (07:30 – 09:30)
 - What is AI? Key concepts, definitions, and technologies
 - The evolution of AI in the financial industry
 - Types of AI: machine learning, deep learning, and natural language processing (NLP)
- Module 2: The Role of AI in Financial Services (09:45 – 11:15)
 - How AI is transforming financial analysis, portfolio management, and customer service
 - Applications of AI in banking, investment management, and insurance
 - The impact of AI on financial risk management and regulatory compliance
- Module 3: Introduction to Machine Learning (ML) (11:30 – 01:00)
 - Basics of machine learning: supervised vs. unsupervised learning
 - Common algorithms used in machine learning: regression, classification, clustering
 - How machine learning improves financial decision-making and forecasting
- Module 4: Workshop – Building Your First AI Model (02:00 – 03:30)
 - Participants create a basic machine learning model to predict financial outcomes
 - Group discussions on the challenges and opportunities of using machine learning in finance

DAY 2 – AI for Financial Analysis and Portfolio Management

- Module 5: AI in Financial Analysis (07:30 – 09:30)
 - How AI can enhance data analysis, modeling, and financial forecasting
 - AI-based tools for identifying market trends and predicting asset performance
 - Integrating AI with traditional financial analysis for better decision-making
- Module 6: Machine Learning in Portfolio Management (09:45 – 11:15)
 - Using machine learning to optimize portfolio construction and asset allocation
 - Risk-adjusted returns and financial models using AI
 - Enhancing trading strategies with AI-powered algorithms
- Module 7: AI and Financial Modeling (11:30 – 01:00)
 - Building financial models using machine learning techniques
 - Predictive analytics for asset price forecasting
 - Evaluating performance and back testing models
- Module 8: Workshop – AI-Based Portfolio Optimization (02:00 – 03:30)
 - Participants use AI techniques to optimize a sample portfolio
 - Group feedback on portfolio construction and model performance

DAY 3 – AI for Risk Management and Fraud Detection

- Module 9: AI in Risk Management (07:30 – 09:30)
 - Identifying and managing financial risks with AI
 - Credit risk assessment and AI-driven scoring models
 - Using AI to enhance market risk analysis and operational risk management
- Module 10: Fraud Detection and Prevention with AI (09:45 – 11:15)
 - How AI is used to detect fraud and prevent financial crimes
 -

Machine learning models for fraud detection: anomaly detection and pattern recognition

- Real-time fraud monitoring and AI-powered surveillance systems
- Module 11: AI for Regulatory Compliance and Reporting (11:30 – 01:00)
- How AI can assist in ensuring compliance with financial regulations
- Automating compliance reporting with AI-based systems
- Machine learning applications in anti-money laundering (AML) and Know Your Customer (KYC)
- Module 12: Workshop – Implementing AI for Fraud Detection (02:00 – 03:30)
- Participants develop a fraud detection model using machine learning techniques
- Group discussion on the practical implementation of AI for risk management

DAY 4 – AI in Customer Service and Experience

- Module 13: AI in Financial Customer Service (07:30 – 09:30)
- How AI is transforming customer service in financial institutions
- Chatbots, virtual assistants, and AI-powered customer support systems
- Enhancing customer satisfaction through AI-driven personalization
- Module 14: AI-Powered Personalization in Banking (09:45 – 11:15)
- AI for tailoring financial products and services to individual customer needs
- Predictive analytics for customer retention and cross-selling
- Leveraging AI to improve customer experiences and engagement
- Module 15: Ethical Considerations of AI in Finance (11:30 – 01:00)
- Understanding the ethical implications of AI in financial services
- Addressing bias and fairness in machine learning models
- AI transparency and accountability in finance
- Module 16: Workshop – Developing an AI Strategy for Customer Service (02:00 – 03:30)
- Participants create an AI strategy to enhance customer service in a financial institution
- Group presentations and feedback on AI-driven customer service innovations

DAY 5 – Implementing AI in Financial Institutions

- Module 17: AI Integration in Financial Institutions (07:30 – 09:30)
- Steps to implement AI solutions in financial services
- Integrating AI into existing financial systems and workflows
- Overcoming challenges in AI adoption and scaling within organizations
- Module 18: AI Tools and Platforms for Finance Professionals (09:45 – 11:15)
- Overview of AI platforms and tools used in finance
- Selecting the right tools for financial analysis, modeling, and risk management
- Hands-on exploration of AI tools used in the financial industry
- Module 19: Future Trends in AI and Finance (11:30 – 01:00)
- Emerging trends in AI for the finance industry
- The future of AI in financial decision-making and customer experience
- Preparing for the next wave of AI-driven innovation in finance
- Module 20: Course Wrap-Up, Q&A, and Certification (02:00 – 03:30)
- Final Q&A session and course review
- Key takeaways and next steps in applying AI in finance
- Distribution of certificates of completion

Certification

Participants will receive a **Certificate of Completion in AI for Finance Professionals** , validating their proficiency in using artificial intelligence tools and techniques in financial decision-making.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: +601116373203	EMAIL: info@mawaevents.net
---	----------------------------------	--

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.