informatech

ACCOUNTING AND FINANCE | AF-005

Artificial Intelligence (AI) for Accounting and Finance Professionals

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Course content

Why Attend

Artificial Intelligence is reshaping the accounting and finance profession by automating routine tasks, improving accuracy, and enabling faster, data-driven decision-making. Traditional financial processes are being enhanced through intelligent systems that can analyze large datasets, detect anomalies, and generate predictive insights.

For finance professionals, understanding AI is no longer optional—it is becoming a core capability for improving efficiency, reducing errors, and adding strategic value to the organization.

This course is designed to bridge the gap between finance expertise and AI applications, helping professionals understand how AI can be practically used in accounting, financial reporting, auditing, forecasting, and decision support.

Course Methodology

This programme is delivered through a practical and applied approach:

- Real-world finance and accounting AI use cases
- Interactive discussions and problem-solving sessions
- Scenario-based exercises for financial processes
- Conceptual understanding of AI tools and techniques
- Practical frameworks for business application

Course Objectives

By the end of this programme, participants will be able to:

- Understand the fundamentals of AI in finance and accounting
- Identify AI applications in financial reporting and auditing
- Explore automation opportunities in accounting processes
- Use AI concepts for fraud detection and anomaly identification

Course content

Course Objectives

- Improve forecasting and financial planning using AI insights
- Understand risks, limitations, and ethical considerations of AI
- Apply AI thinking to enhance financial decision-making

Target Audience

This course is suitable for:

- Accountants and Finance Professionals
- Financial Analysts and Controllers
- Auditors and Compliance Officers
- Budgeting and Planning Specialists
- CFOs and Finance Managers
- Professionals involved in financial transformation and digitalization

Target Competencies

Participants will develop competencies in:

- AI applications in accounting and finance
- Financial process automation concepts
- Predictive analytics and forecasting awareness
- Fraud detection and anomaly identification
- Data-driven financial decision-making
- Digital transformation in finance functions
- Strategic use of AI in financial operations

Course content

Course outline

Day 1: Introduction to AI in Accounting and Finance

- Overview of AI and its impact on finance functions
- Evolution of digital finance and automation
- Key AI technologies (machine learning, NLP concepts)
- Data in accounting and financial systems
- Opportunities and challenges in AI adoption
- Real-world examples of AI in finance

Day 2: AI in Accounting Processes and Automation

- Automation of bookkeeping and accounting tasks
- Intelligent invoice processing and document analysis
- AI in reconciliation and transaction matching
- Reducing manual errors through automation
- Workflow optimization in accounting systems
- Case study: AI-enabled accounting operations

Day 3: AI in Financial Analysis and Reporting

- AI-driven financial reporting concepts
- Pattern recognition in financial data
- Enhancing accuracy in financial statements
- Automated reporting and dashboards
- Financial insights generation using AI tools
- Practical scenario: AI-supported reporting

Day 4: AI in Forecasting, Risk, and Fraud Detection

Course content

Course outline

- Predictive analytics in financial forecasting
- AI-based risk identification and monitoring
- Fraud detection techniques and anomaly detection
- Early warning systems in finance
- Improving financial decision-making with AI insights
- Case study: fraud detection in financial data

Day 5: Strategic AI Adoption in Finance Functions

- Building an AI strategy for finance departments
- Integration of AI into financial systems
- Change management and workforce adaptation
- Ethical considerations and data governance
- Future trends in AI for accounting and finance
- Final case study and action planning

Seminar dates

Available seminar dates

Live dates and pricing for Artificial Intelligence (AI) for Accounting and Finance Professionals generated from the course details page.

Date	Location	Format	Fee
17 - 21 August 2026	Amsterdam - Netherlands	Classroom	**€4,250.-**
21 - 25 September 2026	London - U.K	Classroom	**€4,200.-**
19 - 23 October 2026	Istanbul - Turkey	Classroom	**€2,850.-**
2 - 6 November 2026	Vienna - Austria	Classroom	**€4,250.-**
21 - 25 December 2026	Barcelona - Spain	Classroom	**€3,850.-**

Live online option	Online delivery is available at €1,850.-.