COURSE BROCHURE

AI in Finance and Accounting

An applied course on AI in the finance function, from invoice processing and reconciliations to anomaly detection and forecasting, with the controls that keep figures reliable.

Code	HT-AI-109
Category	AI & Digital Transformation
Duration	1 week
Level	Intermediate
City	Online

Introduction

Many accountants spend their days keying in invoices, matching statements and chasing differences while management waits for deeper analysis. AI promises to change that, but financial figures cannot tolerate errors that go unnoticed.

Objectives

- Identify AI opportunities in procure-to-pay, order-to-cash, close and reporting
- Evaluate document extraction, automated matching and exception handling solutions
- Understand how anomaly detection works and balance false alarms against missed cases
- Use AI for forecasting and report commentary while verifying the results
- Design controls and explainability requirements that meet auditors' needs

Who should attend

- Finance managers and financial controllers
- Heads of accounting, payables and receivables
- Financial planning and analysis analysts
- ERP system owners and finance transformation leads

Skills you will develop

- Assessing finance use cases
- Designing controls over automated processes
- Interpreting anomaly detection results
- Reviewing AI-generated financial outputs

Learning Outcomes

- Map AI opportunities across the finance cycles of the participant's organization
- Set initial rules and thresholds for flagging unusual journal entries on sample data
- Review generated commentary on budget variances and correct its errors
- Prepare a business case for a finance use case with its accompanying control matrix

Course Outline

Day 1: Mapping AI in the Finance Function

- Where the finance team's time goes across its main cycles

- Use cases in procure-to-pay, order-to-cash, close and reporting
- Data foundations: a consistent chart of accounts and clean master data

Day 2: Transaction Processing

- Automated extraction of invoice and document data
- Automated statement matching and intercompany reconciliations
- Exception queues and the accountant's role in resolving them

Day 3: Anomaly Detection and Control

- Flagging unusual journal entries and duplicate expense claims
- Fraud red flags and the trade-off between false alarms and missed cases
- Building automated detection into the internal control system

Day 4: Forecasting, Analysis and Reporting

- Machine learning forecasting compared with traditional methods
- Drafting variance commentary and management reports with generative AI
- Checking figures and conclusions before publication

Day 5: Controls, Risk and Adoption

- Model risk, explainability and what auditors need
- Financial data confidentiality and segregation of duties in automated processes
- Applied project: a business case for a finance AI use case with its control design and rollout plan

Training methodology

Applying detection rules to a sample journal ledger and discussing the flagged items
Comparing automated and manual matching of a sample bank statement
A review exercise on generated financial commentary containing planted errors
A workshop designing a control matrix for an automated finance process

Certification

Participants receive a Harbor Training Center certificate of attendance on completing the course.

Upcoming dates

City	Dates	Language	Fee
Online	5 – 9 July 2027	EN	EUR 2,800

Fees are per participant.

Contact us

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To register and for details, scan the code or visit:

https://harbor4training.com/en/courses/ai-in-finance