XCELERATE TRAINING INSTITUTE

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PROCUREMENT, LOGISTICS AND SUPPLY CHAIN MANAGEMENT

AI in Procurement and Supply Chain Training Course

Using AI for Smarter Sourcing, Forecasting and Supplier Management

DURATION	LANGUAGE	FORMAT	COURSE CODE
5 days	**English or Arabic**	**Classroom / Online**	**PLS-101**

Upcoming dates

Dates	Venue	Format	Fee
8 – 12 Feb 2027	Paris	Classroom	**€4,800**
19 – 23 Apr 2027	Singapore	Classroom	**€5,500**
28 Jun – 2 Jul 2027	Amman	Classroom	**€3,800**
2 – 6 Aug 2027	Amsterdam	Classroom	**€4,800**
11 – 15 Oct 2027	Barcelona	Classroom	**€4,800**
20 – 24 Dec 2027	Berlin	Classroom	**€4,800**

Register or ask a question

Online: x8ti.com/course/ai-in-procurement-and-supply-chain-training-course/

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AI in Procurement and Supply Chain Training Course

Introduction

Procurement and supply chain teams handle large volumes of data on spend, suppliers, demand and logistics. AI can turn this data into faster sourcing decisions, more accurate forecasts and early warnings of supply risks.

This course shows procurement and supply chain professionals how to apply AI tools across the source-to-pay and plan-to-deliver processes. Participants learn practical techniques and how to build a business case for AI in their own function.

Learning Objectives

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

- Identify high-value AI use cases in procurement and supply chain
- Use AI for spend analysis and category strategy
- Apply AI to supplier evaluation, risk monitoring and contract review
- Improve demand forecasting and inventory planning with AI
- Use generative AI to draft tenders, specifications and evaluations
- Build an AI implementation roadmap for the function

Training Methodology

This course combines short expert presentations with practical exercises, case studies from the Gulf and international organisations, group discussions and work with real templates and tools. Participants are encouraged to bring examples from their own work so that the learning can be applied immediately.

Participants work with sample spend, supplier and demand datasets and practise AI tools on real procurement documents.

Benefits for Your Organisation

- Lower costs through better spend insight
- Reduced supply disruption and supplier risk
- More accurate forecasts and lower inventory
- Faster tendering and contract cycles
- A digitally capable procurement team

Benefits for You

- Practical AI skills for procurement work
- Reusable prompts for tenders and evaluations
- Stronger analytical and negotiation preparation
- Up-to-date knowledge of procurement technology
- Career advantage in a digital supply chain

Who Should Attend

This course is designed for:

- Procurement and purchasing managers
- Category managers and buyers
- Supply chain and logistics managers
- Contract and supplier relationship managers
- Planning and inventory professionals

Course Outline

Day 1: AI in the Modern Supply Chain

- Digital procurement and supply chain trends
- AI, machine learning and generative AI explained
- Mapping source-to-pay and plan-to-deliver processes
- Data quality and master data
- Risks and limits of AI in procurement

Day 2: AI for Sourcing and Spend

- AI-powered spend classification and analysis
- Category strategy and market intelligence with AI
- Drafting specifications and tender documents
- AI-assisted bid evaluation
- Negotiation preparation with AI

Day 3: Suppliers, Contracts and Risk

- Supplier screening and performance analytics
- Real-time supply risk monitoring
- AI contract review and obligation tracking
- ESG and compliance checks on suppliers
- Fraud and collusion red flags

Day 4: Planning, Inventory and Logistics

- Demand forecasting with machine learning
- Inventory optimisation
- Transport and route optimisation
- Warehouse automation and AI
- Scenario planning for disruptions

Day 5: Implementation and Value

- Selecting tools and technology partners
- Building the business case
- Governance, data security and ethics
- Change management for procurement teams

- Action plan for your organisation

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Registration Form

AI in Procurement and Supply Chain Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

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Register online
Open the course page