



Procurement & Supply Chain Operations

# Artificial Intelligence (AI) in Procurement and Supply Chain Management

## Course Introduction

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Artificial Intelligence (AI) is revolutionizing procurement and supply chain management, transforming them into strategic drivers of value, innovation, and efficiency. This AI in Procurement and Supply Chain training course provides a practical, business-focused approach to integrating AI-driven processes—without requiring deep technical expertise.

Participants will learn how to harness AI in key areas such as supplier management, contract optimization, risk mitigation, and procurement strategies. The course emphasizes strategic thinking, ethical AI adoption, and the use of AI tools to enhance decision-making, resilience, and overall performance in procurement and supply chain operations.

## Target Audience

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**This training course is designed for procurement and supply chain professionals who want to harness AI to enhance their strategic impact, including:**

- Procurement Directors: Overseeing optimization of supply chain processes.
- Supply Chain Directors: Overseeing optimization of supply chain processes.
- Procurement Managers: want to learn how to lead AI integration in procurement strategies.
- Category Managers: Identifying AI opportunities for sourcing and supplier management.
- Contract Managers: Implementing AI solutions for contract negotiation and management.
- Logistics Managers: Using AI for forecasting, logistics, and demand planning.
- Sustainability Officers: Employing AI to support ethical and sustainable procurement.
- IT Procurement Specialists: Coordinating the use of AI software and tools for procurement functions.
- Risk Management Professionals: Incorporating AI into risk assessment and mitigation strategies.
- Business Analysts: Exploring AI's potential in streamlining procurement operations.

# Learning Objectives

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- Understand how AI can be strategically applied in procurement and supply chain functions.
- Apply AI-driven insights to enhance decision-making, supplier management, and operational efficiency.
- Explain the benefits and applications of AI to colleagues and key stakeholders.
- Analyse the impact of AI on procurement processes, from risk mitigation to contract management.
- Develop strategies to integrate AI into sustainability initiatives and future-proof procurement practices as technology evolves.

## Course Outline

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- **Day 01**

### **AI Foundations in Procurement and Supply Chain**

- Overview of AI in procurement
- AI's strategic role in procurement transformation
- Ethics and transparency in AI for procurement
- Aligning AI initiatives with organizational goals
- AI for supplier and buyer relationship management

- **Day 02**

### **Strategic Use of AI in Supplier Management**

- AI for supplier relationship management
- Predicting supplier performance with AI
- AI-driven supplier risk management
- Enhancing supplier collaboration via AI tools
- Building trust and transparency with AI

- **Day 03**

## AI-Powered Contract and Risk Management

- Streamlining contract management with AI
- Enhancing contract negotiations using AI
- AI for procurement risk identification and mitigation
- Managing contract lifecycle with AI automation
- Ethical considerations in AI contract management

### • Day 04

## AI-Driven Supply Chain Efficiency

- AI for demand forecasting in supply chains
- Optimizing inventory management using AI
- Automating procurement processes with AI
- AI for logistics and transportation efficiency
- Real-time supply chain monitoring and optimization

### • Day 05

## AI and the Future of Procurement and Supply Chain

- Emerging AI trends in procurement
- AI-driven sustainability in procurement
- AI for supply chain resilience and disruption management
- Group exercise: Developing AI strategies for procurement

## Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 15, 2025	Dec. 19, 2025	5 days	4250.00 \$	UAE - Dubai
Sept. 29, 2025	Oct. 3, 2025	5 days	4950.00 \$	Spain - Barcelona
June 23, 2025	June 27, 2025	5 days	4250.00 \$	UAE - Abu Dhabi

