



Scandinavian Academy
for Training and Development AB

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Course: AI in Procurement and Supply Chain Management

Code	City	Hotel	Start	End	Price	Language - Hours
DAI-892	Beirut (Lebanon)	Hotel Meeting Room	2026-08-24	2026-08-28	3050 €	En - 25

Introduction:

The integration of Artificial Intelligence into procurement and supply chain management is revolutionizing the way organizations operate. From enhancing supplier collaboration to optimizing logistics and predicting demand, AI provides unmatched opportunities for efficiency, cost reduction, and strategic growth. This course equips professionals with the tools and understanding necessary to leverage AI in transforming procurement and supply chain functions.

General Objective:

To provide procurement and supply chain professionals with the knowledge and skills to strategically apply artificial intelligence for enhanced efficiency, risk management, supplier collaboration, and sustainable growth.

Objectives:

- Understand the foundations and strategic role of AI in procurement and supply chains.
- Use AI to enhance supplier relationship management and predict supplier performance.
- Apply AI tools to manage contracts, risks, and procurement compliance.
- Optimize supply chain processes through AI in forecasting, logistics, and automation.



- Explore emerging trends in AI for sustainable and resilient supply chain strategies.

Target Audience

- Procurement Managers
- Supply Chain Managers
- Procurement Analysts
- Contract Managers
- Logistics Managers
- Operations Directors
- Vendor Relationship Managers
- Chief Procurement Officers (CPOs)
- Risk and Compliance Officers
- Digital Transformation Specialists
- AI & Data Analysts in Supply Chain

Course Outline

Day 1: AI Foundations in Procurement and Supply Chain

- Introduction to AI in procurement and supply chain
- Strategic value of AI in transforming procurement functions
- Ethics, transparency, and accountability in AI systems
- Aligning AI-driven initiatives with business strategy
- AI applications in managing supplier-buyer relationships

Day 2: Strategic Use of AI in Supplier Management

- Leveraging AI for effective supplier relationship management
- Using AI to predict supplier performance and reliability
- AI in identifying and mitigating supplier risks
- Enhancing collaboration with suppliers through AI platforms



- Strengthening trust and transparency via AI-driven tools

Day 3: AI-Powered Contract and Risk Management

- Automating contract creation and review using AI
- Supporting contract negotiation processes with AI insights
- Identifying procurement risks with predictive AI tools
- Managing the full contract lifecycle with AI
- Ethical considerations in AI-based contract handling

Day 4: AI-Driven Supply Chain Efficiency

- Demand forecasting with AI-powered analytics
- AI-based optimization of inventory and stock levels
- Automating end-to-end procurement workflows
- Enhancing logistics and transportation through AI systems
- Real-time visibility and AI-driven supply chain optimization

Day 5: AI and the Future of Procurement and Supply Chain

- Upcoming AI technologies in procurement and logistics
- Integrating AI for sustainability and green procurement
- AI strategies to improve supply chain resilience
- Group activity: Design and present an AI roadmap for procurement innovation



The Scandinavian Academy for Training and Development adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

Program Timings:

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

The program includes:

- A daily Coffee Break provided during the sessions to ensure participants comfort.