
AI for Procurement and Supply Chain

15 – 19 March 2027
Barcelona





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AI for Procurement and Supply Chain is a 1-week senior leadership course delivered by Mars Training Centre UK in London, Dubai, Amsterdam, Doha, Bangkok, and Jakarta, designed for chief procurement officers, supply chain directors, and senior leaders responsible for sourcing, logistics, and supplier networks.

Procurement and supply chain have become two of the most data-rich and AI-receptive functions in the enterprise. From spend analytics and supplier risk to demand forecasting, logistics optimisation, and contract intelligence, AI is reshaping how the function operates. The senior leader's job is to decide what to deploy, what to govern, how to integrate it with the team, and how to maintain accountability for outcomes.

Across five focused days, you will move from a general view of AI to a specific, applied view of its use across procurement and supply chain. You will work through real use cases, study the cases where AI delivered value and where it did not, and leave with an executive-level roadmap for AI in your function.

The week moves from AI in the procurement and supply chain function, through sourcing, spend and contract intelligence, into demand, supply and resilience, then governance, integration and the people question, closing with a personal action plan.

What You Will Learn

- Identify high-value AI use cases across sourcing, procurement, and supply chain.
- Evaluate AI vendors, platforms, and proposals in the procurement-tech market critically.
- Apply predictive analytics to demand, supply, and risk decisions.
- Govern AI-driven contracting and spend decisions defensibly.
- Use AI to strengthen supplier risk, ESG, and resilience monitoring.
- Lead the workforce and capability change inside the function.
- Integrate AI tooling with enterprise systems and the wider operating model.
- Design a 12-month AI roadmap for your procurement and supply chain function.

How You Will Benefit

You will leave with an executive working view of AI in procurement and supply chain, the judgement to commission and govern it well, and a Mars Certificate of Completion.

Your organisation will gain a senior functional leader who can capture real value from AI in procurement and supply chain — and who can avoid the costly errors that come from over-trusting opaque tools.



Who This Programme Is For

The programme is designed for chief procurement officers and chief supply chain officers, directors of procurement, sourcing and category management, directors of supply chain, logistics and operations, heads of supplier risk and contract management, senior public-sector procurement executives, heads of procurement technology and digital procurement, senior commercial and contract directors, and family-business principals overseeing operations. The seniority floor is director level and above.

Delivery is facilitator-led and interactive, mixing teaching with discussion, validated diagnostic tools, applied exercises, and continuous personal feedback from your lead faculty. Successful delegates receive a Mars Certificate of Completion.