

Strategic Sourcing Specialist with AI

The Strategic Sourcing Specialist with AI plays a pivotal role in the automotive industry by integrating artificial intelligence into sourcing and procurement processes. Their main activities include optimising supplier selection, negotiating contracts, managing costs, and enhancing supply chain resilience through AI-driven analytics. They monitor compliance with sustainability and regulatory requirements while fostering innovation and collaboration with suppliers.

Key responsibilities involve analysing supplier performance, applying predictive analytics for demand and risk forecasting, and leveraging AI tools to support sustainable sourcing decisions. They contribute to corporate objectives by ensuring cost-effectiveness, quality, and supply chain continuity.

Essential competences cover digital skills (AI-enabled supply chain analytics, predictive modelling), green competences (environmental regulations, green technologies), sector-specific expertise (supplier relationship management in the automotive supply chain), and transversal abilities (collaboration, market research, project alignment).

ESCO Mapping

<https://esco.ec.europa.eu/select-language?destination=/node/1>

ID	NAME	Concept URI
NA	NA	NA

Context

EQF Level	6/7
Departments	Logistics Purchasing Sales Recycling

Green Competences

ID	Name	Type	Description	Level	ESCO
C02 4	Environmental regulations	Knowledge	Describe EU environmental regulations relevant to sourcing and procurement. ▪ Monitor suppliers' adherence to CO₂ targets and certifications ▪ Use AI tools to analyse environmental compliance ▪ Forecast regulatory changes using AI-driven intelligence ▪ Track supply chain emissions in real time ▪ Adjust sourcing to meet sustainability objectives	1	
C02 5	Green technologies	Knowledge	Describe sustainable materials, components, and services for automotive sourcing. ▪ Assess supplier compliance with green standards using AI ▪ Forecast demand for eco-friendly components ▪ Model risks linked to rare/green material availability ▪ Track sustainability KPIs with AI-enabled platforms ▪ Align sourcing with eco-innovation practices	1	

Digital Competences

ID	Name	Type	Description	Level	ESCO
C09 0	Perform supply chain analytics	Skill	Apply AI-enhanced analytics to optimise sourcing and supply chain processes. ▪ Collect and analyse procurement and supplier performance data ▪ Monitor real-time data to detect disruptions ▪ Use predictive models for demand and risk forecasting ▪ Evaluate supplier bids with AI-driven insights ▪ Generate reports and visualisations for decision-making	3	

Soft Skills

ID	Name	Type	Description	Level	ESCO
C130	Attention to detail	Knowledge	Describe the importance of accuracy and precision in sourcing activities. - Analyse supplier proposals carefully - Forecast pricing trends with precision - Track KPIs for compliance and efficiency - Use vendor scorecards consistently - Collaborate with internal teams to validate requirements	2	
C131	Collaborate with stakeholders	Skill	Engage cross-functional teams and suppliers to integrate AI into sourcing strategies. - Negotiate contracts with AI suppliers - Align technical and business teams on sourcing needs - Integrate AI tools with procurement platforms - Build innovative partnerships with suppliers Ensure alignment across the organisation	2	

Transversal Competences

ID	Name	Type	Description	Level	ESCO
C183	Market research	Knowledge	Describe the process of gathering and analysing supplier and market data. - Profile vendors using AI to predict risks and performance - Evaluate vulnerabilities and compliance issues - Identify new materials and technologies - Scan patents and publications with AI - Support decision-making with market insights	2	

Sector Specific

ID	Name	Type	Description	Level	ESCO
C25 9	Manage supplier relationships	Skill	Apply AI to strategically manage suppliers for cost, quality, and innovation. ▪ Evaluate suppliers with AI-based analytics ▪ Establish transparent communication via AI platforms ▪ Monitor supplier KPIs in real time ▪ Analyse sourcing data for cost and sustainability opportunities ▪ Ensure compliance with environmental and social standards	2	