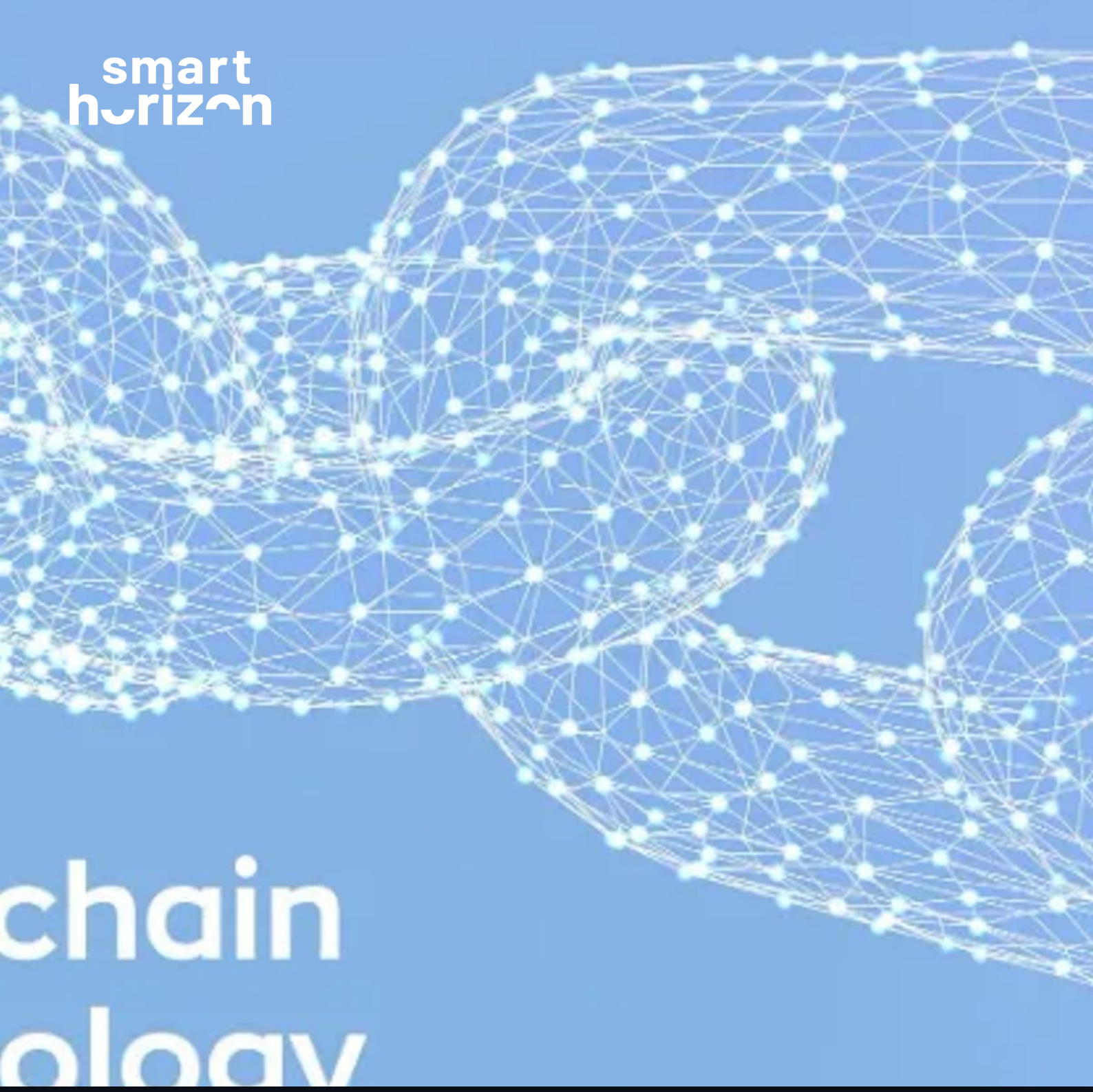


OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Blockchain for Supply Chain Management

5 days | Classroom training | English

SMART HORIZON

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Course content

Blockchain

Why attend

This course explores the integration of blockchain technology in supply chain management, focusing on enhancing transparency, traceability, and efficiency. Participants will engage with real-world scenarios to develop practical skills in implementing blockchain solutions tailored to supply chain challenges.

Supply chain professionals face increasing pressure to improve transparency and traceability in their operations. Traditional systems often lack the necessary visibility, leading to inefficiencies, fraud, and increased costs. Understanding how blockchain can address these issues is crucial for maintaining competitiveness and meeting regulatory demands. This course will equip participants with the skills to assess their current supply chain processes, identify inefficiencies, and design blockchain solutions that enhance data integrity, streamline operations, and foster collaboration among stakeholders. By mastering these capabilities, participants can drive innovation and ensure compliance in their supply chains, ultimately improving customer satisfaction and loyalty.
Participants will gain hands-on experience in evaluating supply chain challenges and designing blockchain applications that meet specific organisational needs. They will engage in practical exercises that simulate real-world scenarios, allowing them to apply blockchain principles effectively. By the end of the course, attendees will be capable of constructing implementation plans, justifying technology choices, and communicating complex concepts to both technical and non-technical stakeholders. This comprehensive approach ensures that participants leave with actionable insights and the confidence to lead blockchain initiatives within their organisations, making informed decisions that enhance operational efficiency and strategic alignment.

Professional Problems This Course Is Designed to Solve

- Difficulty translating subject knowledge into practical workplace decisions.
- Inconsistent approaches to the activities covered in the course outline.
- Lack of a structured plan for applying and reviewing new skills.

Course methodology

The course employs a blend of case studies, group discussions, and hands-on workshops to facilitate learning. Participants will engage in simulations that mimic real-world supply chain scenarios, allowing them to apply blockchain principles in practice. Each day includes collaborative activities where participants will work in teams to develop solutions, assess their designs, and present findings. Outputs will include project proposals, process maps, and implementation plans that demonstrate their understanding of blockchain applications in supply chain management. This practical approach ensures that participants not only learn theoretical concepts but also gain valuable experience in applying these concepts to real-world challenges, enhancing their professional capabilities.



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Course objectives

By the end of this course, participants will be able to:
• Analyse current supply chain challenges and inefficiencies related to data management.
• Design a blockchain-based solution for enhancing traceability in a fictional supply chain scenario.
• Evaluate the impact of blockchain on supply chain transparency and stakeholder trust.
• Construct a prototype blockchain model to track product provenance from supplier to consumer.
• Justify the selection of blockchain technology over traditional systems in specific supply chain contexts.
• Assess the regulatory implications of implementing blockchain in supply chains across different jurisdictions.

Target audience

This course is suitable for:
• Supply Chain Managers: Responsible for overseeing supply chain operations and seeking innovative solutions.
• Logistics Coordinators: Focused on improving the efficiency of logistics and transportation processes.
• Procurement Specialists: Involved in sourcing and supplier management, needing to ensure transparency.
• Operations Analysts: Tasked with analysing supply chain performance and identifying areas for improvement.

Target competencies

Participants will develop competencies in:
• Evaluate supply chain processes for blockchain integration.
• Design and prototype blockchain applications for supply chain use cases.
• Assess the regulatory landscape affecting blockchain in supply chains.
• Facilitate stakeholder engagement to promote blockchain adoption.
• Implement data management strategies using blockchain technology.
• Communicate technical blockchain concepts to non-technical stakeholders.

Course outline

Day 1: Introduction to Blockchain Technology

Applied activity: Participants will analyse a case study of a company that implemented blockchain in its supply chain. They will identify key challenges the company faced and how blockchain addressed them, focusing on specific outcomes and lessons learned.
Output: A report summarising the case study analysis and key takeaways.

09:00–09:54	Define blockchain and its core components relevant to supply chains.
09:54–10:48	Explore the principles of decentralisation and immutability in blockchain.



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10:48–11:00	Discuss the differences between public and private blockchains and their implications.
11:00–11:30	Coffee break
11:30–12:12	Discuss the differences between public and private blockchains and their implications. (continued)
12:12–13:06	Identify key blockchain platforms used in supply chain management.
13:06–14:00	Examine case studies of blockchain applications in various industries.

Day 2: Assessing Supply Chain Inefficiencies

Applied activity: In groups, participants will map out a fictional supply chain process, highlighting inefficiencies and areas for improvement. They will then present their findings, including suggested blockchain solutions to address these inefficiencies.
Output: A process map illustrating the current state and proposed improvements.

09:00–09:54	Identify common inefficiencies in traditional supply chain systems and their impacts.
09:54–10:48	Utilise process mapping to visualise supply chain workflows and bottlenecks.
10:48–11:00	Conduct a SWOT analysis of existing supply chain processes to identify strengths and weaknesses.
11:00–11:30	Coffee break
11:30–12:12	Conduct a SWOT analysis of existing supply chain processes to identify strengths and weaknesses. (continued)
12:12–13:06	Evaluate data integrity issues and their impact on supply chain performance.
13:06–14:00	Discuss the role of technology in modernising supply chains and improving efficiency.

Day 3: Designing Blockchain Solutions

Applied activity: Participants will work in teams to design a blockchain solution for a specific supply chain challenge, considering stakeholder needs and system architecture. They will present their designs to the class for feedback.
Output: A design document outlining the proposed blockchain solution.

09:00–09:54	Explore the design principles of blockchain applications in supply chains and their benefits.
09:54–10:48	Identify key stakeholders and their requirements for blockchain solutions in supply chains.
10:48–11:00	Develop user stories to guide blockchain application design and functionality.
11:00–11:30	Coffee break
11:30–12:12	Develop user stories to guide blockchain application design and functionality. (continued)



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12:12–13:06	Create a high-level architecture for a blockchain solution tailored to specific needs.
13:06–14:00	Discuss interoperability with existing supply chain systems and data sources.

Day 4: Implementing Blockchain in Supply Chains

Applied activity: Participants will develop an implementation plan for their designed blockchain solution, including timelines, resources, and risk management strategies. They will present their plans to the class for critique and improvement suggestions.
Output: An implementation plan detailing the steps and considerations for deploying the blockchain solution.

09:00–09:54	Discuss the steps for implementing blockchain technology in supply chains, from planning to execution.
09:54–10:48	Explore the importance of change management in technology adoption and user training.
10:48–11:00	Identify potential barriers to blockchain implementation and strategies to overcome them.
11:00–11:30	**Coffee break**
11:30–12:12	Identify potential barriers to blockchain implementation and strategies to overcome them. (continued)
12:12–13:06	Evaluate pilot projects and scaling strategies for blockchain solutions in supply chains.
13:06–14:00	Discuss best practices for data governance in blockchain applications and compliance.

Day 5: Evaluating Impact and Future Trends

Applied activity: Participants will conduct a comprehensive evaluation of their blockchain solution's potential impact on a fictional supply chain, considering efficiency, transparency, and stakeholder trust. They will prepare a presentation summarising their findings.
Output: An evaluation report summarising the expected impact and success metrics.

09:00–09:54	Assess the impact of blockchain on supply chain efficiency, transparency, and stakeholder trust.
09:54–10:48	Explore future trends in blockchain technology and its potential applications in supply chain management.
10:48–11:00	Discuss regulatory considerations and compliance challenges associated with blockchain adoption.
11:00–11:30	**Coffee break**
11:30–12:12	Discuss regulatory considerations and compliance challenges associated with blockchain adoption. (continued)

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12:12–13:06	Evaluate the role of emerging technologies alongside blockchain in enhancing supply chains.
13:06–14:00	Identify metrics for measuring the success of blockchain implementations in real-world scenarios.

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.

Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
Rome Confirmed dates	9 Nov 2026	13 Nov 2026	**£2,450.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,250.–**
Kuala Lumpur Confirmed dates	16 Nov 2026	20 Nov 2026	**£1,450.–**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**£1,250.–**
Paris Confirmed dates	7 Dec 2026	11 Dec 2026	**£2,860.–**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**£1,250.–**
Istanbul Confirmed dates	14 Dec 2026	18 Dec 2026	**£2,650.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**£1,250.–**
Amsterdam Confirmed dates	4 Jan 2027	8 Jan 2027	**£2,540.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**£1,250.–**
Singapore Confirmed dates	18 Jan 2027	22 Jan 2027	**£2,820.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**£1,250.–**
London Confirmed dates	1 Feb 2027	5 Feb 2027	**£2,450.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,250.–**
Rome Confirmed dates	8 Feb 2027	12 Feb 2027	**£2,450.–**
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**£1,250.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Dubai Confirmed dates	15 Feb 2027	19 Feb 2027	**£3,150.–**
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**£1,250.–**
Frankfurt Confirmed dates	1 Mar 2027	5 Mar 2027	**£2,650.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	15 Mar 2027	19 Mar 2027	**£1,450.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**£1,250.–**
Paris Confirmed dates	5 Apr 2027	9 Apr 2027	**£2,860.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**£1,250.–**
Cape Town Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,890.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,250.-**
Istanbul Confirmed dates	19 Apr 2027	23 Apr 2027	**£2,650.-**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**£1,250.-**
Amsterdam Confirmed dates	3 May 2027	7 May 2027	**£2,540.-**
Online Confirmed dates	3 May 2027	7 May 2027	**£1,250.-**
Singapore Confirmed dates	17 May 2027	21 May 2027	**£2,820.-**
Online Confirmed dates	17 May 2027	21 May 2027	**£1,250.-**
Cape Town Confirmed dates	31 May 2027	4 Jun 2027	**£1,890.-**
Online Confirmed dates	31 May 2027	4 Jun 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	7 Jun 2027	11 Jun 2027	**£2,450.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**£1,250.–**
Dubai Confirmed dates	21 Jun 2027	25 Jun 2027	**£3,150.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**£1,250.–**
Frankfurt Confirmed dates	5 Jul 2027	9 Jul 2027	**£2,650.–**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,450.–**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,250.–**
Paris Confirmed dates	2 Aug 2027	6 Aug 2027	**£2,860.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**£1,250.-**
Barcelona Confirmed dates	9 Aug 2027	13 Aug 2027	**£2,840.-**
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**£1,250.-**
Istanbul Confirmed dates	16 Aug 2027	20 Aug 2027	**£2,650.-**
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**£1,250.-**
Amsterdam Confirmed dates	6 Sept 2027	10 Sept 2027	**£2,540.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**£1,250.-**
Singapore Confirmed dates	20 Sept 2027	24 Sept 2027	**£2,820.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	4 Oct 2027	8 Oct 2027	**£2,450.–**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**£1,250.–**
Vienna Confirmed dates	11 Oct 2027	15 Oct 2027	**£2,940.–**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,250.–**
Dubai Confirmed dates	18 Oct 2027	22 Oct 2027	**£3,150.–**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**£1,250.–**
Frankfurt Confirmed dates	1 Nov 2027	5 Nov 2027	**£2,650.–**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	15 Nov 2027	19 Nov 2027	**£1,450.–**

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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**£1,250.-**
Paris Confirmed dates	6 Dec 2027	10 Dec 2027	**£2,860.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**£1,250.-**
Istanbul Confirmed dates	13 Dec 2027	17 Dec 2027	**£2,650.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**£1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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View the latest course details online