

AI and Data-Driven Sustainability in Global Supply Chains

COURSE OVERVIEW

This is an advanced course that delves into how AI technologies and data-driven insights can optimize supply chain operations, enhance transparency, and reduce environmental and social impacts. It has been designed to empower supply chain professionals with the ability to leverage artificial intelligence and data analytics to foster sustainable practices on a global scale. The course will equip participants with the skills to lead innovation-driven, sustainable supply chain initiatives that leverage the power of AI and data analytics for global impact. Participants will explore innovative tools and strategies to improve decision-making, monitor sustainability metrics, and drive responsible sourcing while navigating the complexities of international supply chains.

WHO SHOULD ATTEND?

This course is tailored for supply chain managers, sustainability officers, data analysts, procurement professionals, and logistics coordinators who are keen to integrate AI and data analytics into sustainability initiatives. It is also valuable for executives, consultants, and policymakers involved in sustainability strategy, corporate social responsibility, and supply chain management across global markets.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Integrate the application of AI and data analytics for enhancing sustainability in supply chains.
- Utilize AI tools to monitor and optimize environmental and social impact indicators.
- Implement data-driven strategies for sustainable sourcing and supply chain transparency.
- Analyze complex global supply chain data to identify risks and opportunities for sustainability improvements.
- Develop frameworks to integrate AI solutions into existing supply chain sustainability initiatives.
- Communicate sustainability performance effectively to stakeholders using data insights.
- Navigate ethical considerations and challenges related to AI adoption in global supply chains.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Introduction to AI technologies and data analytics in supply chain sustainability.
- Tools for real-time sustainability performance monitoring and reporting.
- Strategies for responsible sourcing supported by AI-driven insights.
- Case studies showcasing AI-enabled sustainable supply chain transformations.
- Best practices for integrating AI into supply chain risk management and compliance.
- Methods for enhancing supply chain transparency and accountability through data.
- Ethical and governance issues involving AI use in global supply chains.
- Hands-on projects utilizing real-world data and AI applications for sustainability.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded