

UNLOCKING THE POWER OF DATA IN LOGISTICS

Supply chain visibility is essential for logistics companies, as it allows them to make informed decisions about their business operations and anticipate supply chain disruptions. In today's data-driven world, an ever-growing number of data points can be used to improve supply chain visibility. From real-time tracking of goods, sensor data from transportation assets, and online customer interactions, logistics companies have access to an unprecedented amount of information about the movement of goods. However, with this abundance of data comes the challenge of effectively collecting, storing, processing, and analysing it.

Duration: 12 month plus end-point assessment

Study modes: Online teaching, coaching and workplace development

Qualification achieved: Level 3 Data Technician

Cohort Launch: 2024

Programme modules

- Introduction to Data Theory
- Excel Data Fundamentals
- Excel Handling Data and Pivot Tables
- Power BI Fundamentals
- Databases and SQL Foundation
- SQL in Practice
- Advanced Excel
- Statistical and Data Analysis Tools

Value added modules

- Green Technologies
- Impact on AI
- Leadership Masterclasses

How we deliver

- Fortnightly webinar
- 1-1 pastoral support sessions
- 10 Week Progress Reviews with apprentice and line manager

To join this apprenticeship, simply scan the QR code.

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Why now?

Industries across the globe continue to battle the Great Supply Chain Disruption. Unlocking the Power of Data in Logistics programme can help employers get ahead of key trends which will enable supply chains to proactively shape a successful, sustainable future. These include:

1. Advanced analytics and automation
2. Supply chain talent
3. Visibility
4. The rise of e-commerce
5. Supply chain resilience
6. Supply chain agility
7. Digital supply chains
8. Cybersecurity
9. Customer-centricity
10. Artificial intelligence and machine learning

Knowledge your employee will gain

- How to access and extract data from a range of already identified sources
- How to collate and format data in line with industry standards
- Data formats and their importance for analysis
- Management and presentation tools
- Communication methods
- The value of data to the business
- Algorithms, and how they work
- How to filter details, focusing on information relevant to the data project
- Basic statistical methods and simple data modelling to extract relevant data and normalise unstructured data
- The range of common data quality issues
- Different methods of validating data
- Communicating the results through basic narrative
- Legal and regulatory requirements
- The significance of the customer
- The role of data in the context of the digital world
- Different learning techniques, learning techniques and the breadth and sources of knowledge

