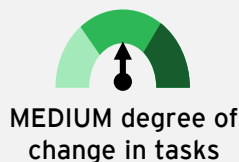


Logistics Data Specialist / Master Data Analyst / Master Data Executive

Technology solutions impacting this job...

This job role is impacted by **all 13 technology solutions** identified across warehousing, transportation, freight forwarding, and sales and customer service.

Impact assessment...



A small proportion of the job tasks will be substituted by technology solutions, with human intervention required only for high value-adding tasks instead of routine, repetitive tasks

*Within **3 to 5 years**, the role will potentially...*

REQUIRE REDESIGN

Today, this job role is responsible for executing all business intelligence and data-related activities including setting up databases, obtaining and managing data, performing data analysis, validating data, and managing data and knowledge management projects.

Emerging skills

This role will potentially be redesigned to leverage data science techniques to build business intelligence insights and manage the data architecture for the company.

- Artificial Intelligence Application
- Big Data Analytics
- Cyber Risk Management
- Data Strategy
- Innovation Management
- Knowledge Management
- Critical Thinking

Job tasks today	Impact at task-level / Future view of job tasks	
Analyse data; develop data management systems	M	<ul style="list-style-type: none"> • Big data analytics techniques such as association rule learning will enable the job holder to analyse implications of data and research to draw inferences on logistics operations. • Data science skills remain critical; programming languages like R and Python will become crucial in data mining and modelling.
Review technology trends for application to logistics business	L	<ul style="list-style-type: none"> • Big data and AI will provide insights on latest technology trends in the market. • Job holder will still be required to facilitate implementation of latest technology in customer operations and support in post-implementation optimisation.
Identify gaps and propose logistics solutions	M	<ul style="list-style-type: none"> • AI and simulation analysis will enable modeling of the customer's logistics operations. This will inform gap analysis and process improvement activities. • The focus will shift to analysing customer needs and requirements and offering creative logistics solutions to meet the needs.
Facilitate team / department projects	M	<ul style="list-style-type: none"> • Logistics management systems, equipped with advanced data analytics will help in resource optimisation and risk assessment . • The job role will continue to require human intervention for people and stakeholder management.
In the next 3 - 5 years...	<p>This role will evolve to combine data and machine learning capabilities with operations knowledge, leading to enhanced data visualisation capabilities to serve the needs of business. As companies have access to more data analytics, this role will collaborate more with various business units to derive models and solutions for the company.</p>	