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Supply Chain Analytics for Decision-Making: From Data to Outcomes (Level 2)



This two-day workshop is for procurement and supply chain practitioners and professionals working for governmental and non-governmental entities, supply chain faculty, and students.

Workshop Details

Dates	Mode	Venue
26-27 March, 2026	In-person	CARISCA Accra Office, KNUST Guest House, Osu
	Online	Zoom

Register by:
March 23,
2026

For in-person only

Investment

Your investment for the **in-person** two-day workshop is **GH¢3,000.00** per person. This investment will cover your fees, training materials, a buffet lunch, two snack breaks each day, and a certificate of participation.

The cost to attend **virtually via Zoom** is **GH¢2,500.00** per person. Training materials and a certificate of participation will be provided electronically.

Discounts are available to organizations with multiple participants.

Register today: carisca.knust.edu.gh/training/cpd/

Why Supply Chain Analytics for Decision-Making: From Data to Outcomes (Level 2)?

Given the importance of the supply chain to organizations across the globe, businesses are looking for opportunities to make processes faster, cheaper, and easier as materials move from the point of origin to the point of consumption. Supply chains involve many different activities, people and organizations, which produce a vast amount of information. This overwhelming amount of data has to be processed and converted into forms that influence key decisions and lead to better results. Supply chain analytics uses data analytical tools to manage and improve supply chain functions such as demand planning, order processing and inventory control, and risk management. This workshop will build the capacity of supply chain practitioners and service providers in both the public and private sectors in Sub-Saharan Africa to use big data to support supply chain management decisions.

What will you learn?

This workshop seeks to apply various analytical techniques to analyze, model and visualize several aspects of operations, procurement, logistics and supply chain. Additionally, it uses hands-on approaches for participants to model various supply chain analytics on dashboards to solve industry-related problems. Students will use analytical platforms and tools such as Microsoft Power BI, Python and R Studio to model the various supply chain analytics.

Modules:

This two-day event will cover the following modules:

Day 1	Day 2
Beginner to intermediate data cleaning (20% theory, 80% hands-on)	Descriptive analytics for supply chain (30% theory, 70% hands-on)
Data modelling (20% theory, 80% hands-on)	Data analysis expressions (10% theory, 90% hands-on)
Beginner level data visualization (20% theory, 80% hands-on)	Intermediate-level data visualization (100% hands-on)
	Publishing reports

Is this training for you?

This training workshop is intended for procurement and supply chain practitioners and professionals working in the health sector and working for governmental and non-governmental entities, including

- procurement and supply managers;
- operation/production managers and officers;
- tender committee chairs and members;
- warehouse/store managers and supervisors;
- finance officers and bankers
- transport and distribution managers;
- monitoring and evaluation officers
- Supply chain lecturers, researchers and students;
- Officers performing similar roles

Your program facilitator:



Dr. Pasty Asamoah

Researcher and Software Engineer @ ARD | Lecturer, KNUST

Pasty Asamoah is the Lead Researcher and Software Engineer at Ankh Research and Discovery, a Senior Software Engineer at Radio Entertainment LTD, and a Lecturer at the KNUST School of Business. His work spans supply chain analytics, Python programming for data science, software solution development, data engineering pipelines design and implementation, and the development of analytical decision-support systems.

With a strong academic and professional background in mathematics and statistics, information systems, supply chain analytics, performance optimization, and applied research, he focuses on leveraging data and analytics to drive operational and strategic decision-making within modern supply chain networks.

As the facilitator for the CPD program “Why Supply Chain Analytics for Decision-Making: From Data to Outcomes (Level 2)”, he brings practical experience in applying data-driven approaches to improve performance across procurement, inventory, logistics, and distribution operations. He focuses on bridging analytical theory with real-world supply chain practice, equipping professionals and students with practical tools and techniques to transform data into actionable insights that enhance efficiency, reduce costs, and improve service delivery.

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Space is limited! The registration deadline is March 23, 2026.

About CARISCA

The Centre for Applied Research and Innovation in Supply Chain - Africa (CARISCA) is a Centre of Excellence at the Kwame Nkrumah University of Science and Technology, supported by LEARN Logistics by Kühne Foundation. CARISCA's key objective is to support higher education institutions in building the capacity necessary to provide best-in-class research, degree programs and training; facilitate research translation and utilization; and engage stakeholders in best practices and policy changes that strengthen supply chains.