

DANIEL CHUKS UGBAJAH

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PORTFOLIO

PROFILE

Data-driven Sustainable Supply Chain & Materials Analyst with dual Master's degrees in Logistics Systems Engineering and International Management. Skilled in SAP S/4HANA, procurement analytics, material planning, Power BI, SQL, and inventory optimization. Experienced across energy, pharmaceutical, FMCG, and academic research environments supporting S&OP, inventory accuracy, warehousing, and procurement performance.

EDUCATION

08/2023 – 04/2025 Bowling Green, USA	M.SC logistics systems Engineering Bowling Green State University ↗ Grade:3.8 GPA
03/2020 – 10/2021 Dresden, Germany	M.A International management University of Applied Sciences (HTW Dresden) ↗ Grade:2.4/4(German Gut)3.45/4 GPA(USA) Supply Chain Major
08/2020 – 01/2021 Paris, France	Study Abroad Experience(Exchange Program) ESCE International Business School (ESCE - Ecole Supérieure du Commerce Extérieur) ↗
02/2011 – 12/2015	B.sc Accounting University of Calabar ↗ Grade:(Second-class upper-division)

CORE SKILLS

Supply Chain & ERP: SAP S/4HANA, SAP WM, P2P, MRP, S&OP	Analytics: Power BI, Excel (Power Query/Pivot), SQL, Python (Pandas, NumPy)
Data Engineering: Azure SQL, Synapse, ETL pipelines	Reporting & Visualization: DAX, KPI dashboards, financial & operational modeling
Process Optimization: Inventory accuracy, warehouse utilization, cost control	

CERTIFICATIONS

- Pandas Essential Training [↗](#)
- Google Data Analytics Certificate [↗](#)
- Supply Chain Beyond the Basics: Building System Dynamics Models [↗](#)
- Exploring Basic Data for Manufacturing and Product Management in SAP S/4HANA [↗](#)
- Going Deeper with SAP S/4HANA Embedded Analytics [↗](#)
- ETL in Python and SQL [↗](#)
- Sololearn SQL [↗](#)
- Advanced microsoft excel
- Power BI Data Visualization and Dashboard Tips, Tricks, and Techniques [↗](#)
- Build Your Analytical Skills with Statistical Analysis [↗](#)
- Managing Data Governance Automation Using DataGovOps [↗](#)
- Supply Chain Foundations: Sales and Operations Planning (S&OP) [↗](#)
- Explore a Career as a Supply Chain Manager [↗](#)
- Excel Essential Training [↗](#)
- Exploring Operational Procurement in SAP S/4HANA - Course Completion [↗](#)

RELEVANT EXPERIENCES

SCM Co-op – SCM Materials Management, Inventory Optimization & Logistics **Cenovus Energy | Lima, Ohio | Jan 2025 – Apr 2025**

- Supported SAP MM processes including vendor master updates, MRP-driven replenishment management, and RFQ monitoring, ensuring accurate procurement data and timely material availability for refinery operations.
- Conducted detailed invoice and payment reconciliation audits, identifying duplicated entries and pricing discrepancies that recovered \$15,000+ in vendor credits, strengthening financial controls.
- Performed SAP vs. physical inventory variance analysis, executing root-cause investigations (count errors, unit-of-measure issues, incorrect material postings) that improved material master accuracy and traceability.
- Automated GR/IR matching workflows, improving visibility of unmatched receipts/invoices and reducing process delays between Procurement, Accounts Payable, and Warehouse teams.
- Analyzed warehouse utilization patterns using audit data, recommending honeycombing and space reallocation strategies that improved accessibility and reduced storage waste.
- Assisted in forecast modeling, risk assessment, and supplier cost evaluations, supporting proactive supply chain decision-making across sourcing and inventory control.
- Managed P-Card compliance by validating transactions, assigning cost centers, reconciling documentation, and preparing monthly audit-ready reports.

Graduate Research Assistant – Supply Chain Systems & Logistics **Bowling Green State University | Ohio | Aug 2023 – Dec 2024**

- Conducted research across Industry 4.0/5.0, digital transformation, sustainable logistics, and circular economy frameworks, analyzing how smart technologies (IoT, AI, digital twins) influence modern supply chain resilience.
- Developed mathematical and optimization models including Travelling Salesman Problem, Dijkstra's Algorithm, Grasshopper Optimization, and multi-objective routing frameworks used to simulate logistics efficiency.
- Built resilient agricultural and healthcare supply chain network models, incorporating constraints like transportation cost, demand uncertainty, perishability, and sustainability KPIs.

- Cleaned, modeled, and visualized multi-source datasets using Python (Pandas, NumPy, SciPy), Excel, and Power BI, enabling publication-ready insights for academic research.
- Designed ESG and sustainability metrics, including carbon footprint measurement, waste minimization indicators, and circular economy performance scoring tools.
- Modernized supply chain curriculum by integrating modules on automation, digital supply chains, simulation, and sustainable procurement practices.
- Collaborated on research grant proposals, prepared literature reviews, and contributed to conference presentations in smart warehousing, sustainability, and logistics optimization.

Supply Chain Working Student (Werkstudent) – Supply Chain Operations
Arvato Supply Chain Solutions | Germany | Feb 2023 – Aug 2023

- Supported daily warehouse operations, including receiving, put-away, bin allocation, picking, packing, and outbound staging across high-volume FMCG fulfillment environments.
- Analyzed operational performance by reviewing cycle time, throughput, labor utilization, and pick-path metrics, identifying bottlenecks and recommending process improvements that accelerated order flow.
- Utilized SAP WMS to execute goods movements, maintain real-time stock accuracy, perform bin checks, and track replenishment tasks.
- Investigated inventory variances by comparing SAP data to physical counts, performing root-cause analysis on mis-picks, bin errors, and transactional inaccuracies.
- Supported storage optimization through honeycombing, lane depth analysis, and slotting adjustments, improving space utilization and reducing picker travel distances.
- Assisted in B2B and B2C omnichannel fulfillment, ensuring order completeness, prioritizing urgent shipments, and maintaining SLA compliance for accuracy and speed.
- Prepared and updated KPI dashboards tracking productivity, error rates, order cycle times, and warehouse performance indicators.
- Collaborated with supervisors and quality teams to enhance SOP adherence, safety compliance, and operational standardization.

Data Engineering Intern
SponsorYou | Hamm, Germany | Oct 2022 – Jan 2023

- Designed and deployed ETL pipelines to automate extraction, transformation, and loading of sponsorship and event data, significantly improving data flow efficiency.
- Built Python-based web scraping tools, boosting dataset volume and accuracy by 40% and reducing manual research workload.
- Developed interactive Power BI and Tableau dashboards visualizing campaign reach, audience demographics, sponsorship ROI, and engagement analytics.
- Conducted intelligence research using Maltego, structuring complex multi-source data into unified analytical models for strategic insights.
- Produced monthly analytical reports summarizing marketing trends, partnership opportunities, and data-driven recommendations for internal stakeholders.
- Led a small data engineering team, guiding automation tasks, code reviews, and analytics workflow improvements.

Supply Chain & Procurement Analyst
Fivetwo Global Services Ltd | Abuja, Nigeria | Jan 2020 – Sep 2022

- Led S&OP planning, demand forecasting, and purchasing for 150+ pharmaceutical and medical consumable SKUs, ensuring optimal supply alignment with market demand.
- Conducted detailed procurement analytics including price modeling, supplier performance scoring, MOQ evaluation, and lead time analysis to support strategic sourcing.
- Built automated procurement and planning workflows using Google Sheets APIs, reducing manual reporting time by 40% and improving crossdepartment visibility.
- Developed Power BI dashboards integrating sales, procurement, warehouse, and financial metrics such as OTIF delivery, supplier lead-time variance,

and cost trends.

- Reduced stockouts by 10% through data-driven forecasting, reorder point optimization, and SKU lifecycle management.
- Maintained compliance with NAFDAC regulations and cold-chain requirements, reducing audit observations and improving documentation readiness.
- Designed expiry and batch tracking tools that minimized wastage and improved inventory rotation efficiency.
- Collaborated with Finance, Compliance, and Warehouse teams to align procurement decisions with budgets and regulatory requirements.

Senior Accountant & Financial Analyst

Zankli Medical Centre | Abuja, Nigeria | Aug 2018 – Oct 2019

- Developed financial budgeting, forecasting, and cost-projection models supporting monthly, quarterly, and annual planning cycles.
- Automated payroll workflows and executed high-accuracy bank, ledger, and vendor reconciliations, reducing financial discrepancies and reporting errors.
- Created financial dashboards to track revenue, expenses, and variance metrics, improving reporting speed and management visibility by 30%.
- Led AR/AP operations, cash flow monitoring, and financial documentation, ensuring timely payment processing and accurate accounting records.
- Performed ETL processes on financial and operational data, enabling deeper variance analysis and audit readiness.
- Coordinated with banks, auditors, and regulatory bodies, preparing documentation and responding to financial inquiries.
- Conducted predictive analytics to identify cost-reduction opportunities and operational inefficiencies.

Assistant Internal Auditor & Compliance Data Analyst

Zankli Medical Centre | Abuja, Nigeria | Aug 2017 – Jul 2018

- Assisted in designing and implementing internal control frameworks to prevent fraud, strengthen transactional accuracy, and improve compliance.
- Audited procurement workflows, vendor transactions, and financial documentation to ensure policy adherence and regulatory compliance.
- Performed inventory audits to verify availability of critical supplies and maintain operational continuity.
- Conducted investigative audits, analyzing datasets to identify irregularities, discrepancies, and risk exposure areas.
- Prepared audit reports summarizing control gaps, risk indicators, and recommended corrective actions.
- Performed continuous monitoring using trend analysis, risk scoring, and compliance performance indicators.
- Trained and supervised audit interns on documentation review, data accuracy checks, and regulatory standards.

PROJECTS

Most Recent Projects [↗](#)

1. Beverage Category Sales Intelligence Dashboard

Built an Excel + Python dashboard analyzing SKU demand, category trends, and profitability. Automated data cleaning in Google Colab for faster insight generation.

2. Healthcare Analytics Dashboard

Created a SQL + Power BI dashboard for admissions, LOS, and resource usage. Modeled 55K+ patient records to identify operational trends.

3. Pizza Sales Analysis

Analyzed seasonal demand using SQL + DAX with product-level performance insights. Identified peak periods to support inventory and marketing decisions.

4. Global E-Commerce Supply Chain Dashboard

Processed a 180-country dataset using Python + Power BI. Delivered dashboards on regional sales, delivery efficiency, and discount impact.

[click link to see more projects and details flowcv.me/daniel-ugbajah](https://flowcv.me/daniel-ugbajah) [↗](#)