

# TEMITOPE EMMANUEL ALO



**Email:** [temitopealoemmanuel@gmail.com](mailto:temitopealoemmanuel@gmail.com)

**Socials:** [linkedin.com/in/temitope-alo](https://www.linkedin.com/in/temitope-alo) (LinkedIn)

**Phone:** +2347036797189

**Address:** Ife, Nigeria

**Visit my Portfolio:** [Temitope Alo](#)

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## CAREER PROFILE

Aspiring business data analyst focused on bridging the gap between business needs and operational solutions. My goal is to examine organizational processes, systems, and data to identify problems, opportunities, and requirements that influence performance and decision-making. And I seek to translate those complex findings into clear, actionable recommendations that support decision-makers.

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## PROFESSIONAL PROJECTS

### **Inventory & Supply Chain Management: A Data-Driven Assessment Using Store Sales Time Series Data**

[Inventory & Supply Chain Management: A Data-Driven Assessment Using Store Sales Time Series Data](#) | by Temitope Alo  
| Dec, 2025 | Medium

- Analyzed sales time-series data to understand inventory and supply chain risk, focusing on where demand was volatile, highly seasonal, or concentrated rather than just producing forecasts.
- Found that demand risk wasn't evenly distributed: more than half of store-item pairs were highly volatile, and a relatively small number of stores drove a large share of total sales, making one-size-fits-all inventory policies ineffective.
- Used these findings to recommend more practical inventory approaches, including higher safety stock where volatility was greatest, prioritizing critical stores, and adjusting replenishment plans around seasonality to reduce stockouts and improve efficiency.

### **Caravan Insurance Buyer Analysis (COIL 2000)**

[Caravan Insurance Buyer Analysis \(COIL 2000\)](#) | by Temitope Alo | Dec, 2025 | Medium

- Analyzed the UCI COIL 2000 dataset to predict who is likely to purchase caravan insurance and understand the key drivers.
- Applied logistic regression, Lasso, and decision trees to identify high-probability buyers based on car ownership, lifestyle segments, household stability, and financial readiness.
- The insights highlight behavioural and socio-economic factors influencing insurance decisions, enabling targeted marketing and improved ROI.

### **Portfolio Strategy Case: Capital Allocation Using Transaction-Level Retail Data**

[Portfolio Strategy Case: Capital Allocation Using Transaction-Level Retail Data](#) | by Temitope Alo | Dec, 2025 | Medium

- Conducted a portfolio-level capital allocation analysis using retail transaction data across Electronics, Clothing, and Beauty, assessing revenue contribution, volume intensity, and revenue efficiency to inform investment and reallocation decisions.

- Identified distinct strategic roles within the product portfolio. Electronics as a monetization engine, Clothing as a volume stabilizer, and Beauty as a high-efficiency growth lever, by analyzing revenue per unit, transaction value, and implied capital intensity.
- Developed data-driven capital deployment recommendations to improve portfolio returns and revenue stability, prioritizing efficiency-driven investment, inventory optimization, and marginal return enhancement across categories.

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## SKILLS

- **Technical Skills:** Visual Modelling, Requirements Gathering, Requirements Documentation, Project Management, Reporting, BPMN
- **Techniques:** Business Process Analysis, Competitive Analysis, Quantitative Analysis, SWOT Analysis, Feasibility Analysis, Stakeholder Analysis, Root Cause Analysis, Stakeholder Communication
- **Project Management:** Agile Methodologies, Scrum, Six Sigma
- **Data Analysis:** Statistical Modelling, Linear Regression, Correlation Analysis, Machine Learning
- **Tools:** Jira, Trello, Microsoft Project, SQL, Microsoft Excel, Lucidchart, Draw.io, Power BI, ggplot, Shiny

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## CERTIFICATIONS

- Certified Business Analysis Professional™ (CBAP®) Specialization – Starweaver
  - <https://coursera.org/share/871c2a3058715ce222cdd5ab2832ffad>
- Foundations of strategic business analytics - ESSEC Business School
  - <https://coursera.org/share/8a08459564b980bc74fb639592c8b3fa>
- Foundations of marketing analytics - ESSEC Business School
  - <https://coursera.org/share/1d583c3324fa5b9087e9bf11cf8e5388>
- Case studies in business analytics with ACCENTURE - ESSEC Business School
  - <https://coursera.org/share/f99516cc8f79b6929e630868f470feba>
- Strategy and Innovation for Agile Organizations – Duke University
  - <https://coursera.org/share/fa58c4a783eb67dfo8276b81266e7280>
- Intro to Lean Six Sigma and Project Identification Methods – SkillUp
  - <https://coursera.org/share/doe73c8b36019d63074b39e19ebcbabf>
- Data Collection and Root Cause Analysis – SkillUp
  - <https://coursera.org/share/cc94c7d9edd773632ad14ba49773415d>

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## EDUCATION

### **Bachelor of Science in Medical Laboratory Science (Honours)**

*Ladoke Akintola University of Technology, Nigeria*

Graduated: 2023

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## WORK EXPERIENCE

### **Obafemi Awolowo University Health Centre**

Medical Laboratory Scientist

January 2024 – December 2025

- Conducted haematological tests monthly, including CBCs, peripheral blood smears, and coagulation profiles, ensuring timely and accurate results.
- Performed clinical chemistry assays, including liver function tests, renal profiles, and lipid panels, ensuring precise and timely results in accordance with laboratory standards.
- Executed microbiological evaluations, encompassing bacterial cultures, Gram staining, and antimicrobial susceptibility testing, contributing to accurate pathogen identification and effective treatment plans.
- Support daily equipment calibration and maintenance.
- Strictly adhered to laboratory safety and infection control protocols, maintaining a contamination-free environment.