

JEMILAH DAMILOLA ALAO

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PROFILE

Data analyst with strong analytical and problem-solving skills, proficient in Microsoft Excel and SQL, with hands-on experience building dashboards and reports in Power BI. Restructured a 1,621-row retail dataset across four linked tables and built KPI-driven dashboards that surfaced business trends and protected revenue and operational outcomes. Currently a Women in AI Fellow (1 of 20 selected from 444 applicants), strengthening applied data analysis skills in Python. Brings three years of high stakes operational data ownership, translating raw numbers into insights that support data-driven decision-making.

PROFESSIONAL EXPERIENCE

Women in AI Fellow | Webfala Digital Skills for All Initiative (Onsite)

Apr 2026 — Present

- Selected as 1 of 20 fellows from 444 applicants for an 8-month, project-based fellowship in AI and data science.
- Building applied proficiency in Python (functions, data structures, applied problem-solving) and SQL (joins, aggregation, subqueries), alongside statistical methods relevant to exploratory data analysis and business metric design.

Data Analyst Intern | TechCrush (Remote)

Dec 2025 — Mar 2026

- Performed exploratory data analysis on a 1,621-row sales dataset across four linked tables (Sales, Location, Manufacturer, Product) using VLOOKUP, XLOOKUP, INDEX, and IF formulas, identifying revenue concentration patterns and eliminating manual cross-referencing errors.
- Built an interactive Excel dashboard using pivot tables, charts, and slicers for state and category to surface business-critical KPIs, revealing that one manufacturer drove over 40% of total revenue and weekday sales accounted for 78% of revenue.
- Wrote SQL queries to extract and filter records from structured databases, generating category-level and regional insights that supported data-backed decisions.
- Analyzed a separate 361-row e-commerce dataset, identifying Electronics as the top category by revenue and volume and the UK as the top-performing market earning a top-ranked evaluation outcome.
- Built a Power BI dashboard from a 100-row supply chain dataset, defining performance metrics that flagged skincare and Mumbai as top performers and a 2.5 average defect rate in haircare as a quality risk area.
- Collaborated with a cross-functional analytics team on a live capstone project, contributing to data preparation, analysis, and dashboard design, achieving a 10/10 evaluation score.

Operations Lead | Tuns Farm Nigeria Limited (Onsite)

Mar 2023 — Nov 2025

- Tracked performance data for 10,000+ breeder birds and 30,000+ broilers, sustaining a 75% egg production rate and a 2.0kg average live weight at 6 weeks.
- Built a triple-check data verification process across incubation records for approximately 200,000 eggs, contributing to a 10% reduction in egg breakage and mortality rates and a 70% hatchability rate.
- Maintained production, population, and financial reporting systems that directly informed weekly budget and resource-allocation decisions for leadership.
- Identified and corrected a recurring tracking inconsistency that had been masking productivity losses, improving reporting accuracy going forward.

PROJECTS

Sales Review Analysis (Excel): Restructured a 1,621-row dataset across linked tables using VLOOKUP, XLOOKUP, and INDEX; built an interactive dashboard with slicers for state and category to surface KPI trends. [Sales Analysis](#)

E-Commerce Sales Analysis (Excel): Ran exploratory analysis on 361 rows of e-commerce data, identifying Electronics and the UK as top performers; top-scoring evaluation outcome. [E-Commerce Analysis](#)

Supply Chain Analysis Dashboard (Power BI): Built a dashboard tracking \$577.6K in revenue across products, locations, and shipping carriers, defining metrics to flag top performers and quality risk areas. [Supply Chain Analysis](#)

SKILLS

Data Analysis: Exploratory Data Analysis (EDA), Data Cleaning, Data Modelling, KPI & Metric Definition

Tools: SQL, Microsoft Excel (VLOOKUP, XLOOKUP, INDEX, Pivot Tables), Power BI, Google Sheets

Programming: Python functions, data structures, applied problem-solving (fellowship coursework); building toward Pandas/NumPy. Git (basic)

Core Skills: Data Storytelling & Communication, Business Metrics & Performance Tracking, Critical Thinking, Fast-Paced/Startup Adaptability

EDUCATION

B.Agriculture, University of Ilorin, Kwara State, Nigeria | Second Class (Upper Credit)

Oct 2016 — Dec 2022

Relevant coursework: Statistical Methods and Field Experiments, Farm Management Analysis and Accounting.

TRAININGS & CERTIFICATIONS

