ABIODUN-BAKARE JOSHUA
DATA ANALYST | BUSINESS INTELLIGENCE ANALYST | POWER BI DEVELOPER
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PROFESSIONAL SUMMARY

Data and Business Intelligence professional with **2+ years of practical experience** using **SQL, Power BI, and Microsoft Excel** to clean, validate, model, analyse, and visualize complex datasets, transforming raw data into actionable business insights to support data-driven decision-making. Recent Computer Science graduate with prior internship experience in **database querying, reporting, and software quality assurance (QA)**.

TECHNICAL SKILLS

- **Data Analysis:** Exploratory Data Analysis (EDA), Trend Analysis, Comparative Analysis, Variance Analysis, Correlation Analysis, Segmentation Analysis, KPI Analysis, Financial Analysis, Operational & Performance Analysis, Risk Analysis.
- **SQL & Databases:** PostgreSQL, Relational Databases, Database Design, ERD & Dimensional Modelling, Indexing, Complex Queries, JOINs, Data Aggregation, Conditional Logic, Subqueries, CTEs, Window Functions, Views.
- **BI & Visualization:** Power BI Desktop, Power Query, Data Modelling, DAX, Interactive Data Visualization, Dashboard Development, KPI Development & Tracking, Data Storytelling, Insights & Reporting.
- **Microsoft Excel:** Data Cleaning & Preparation, Data Validation, Excel Formulas & Functions (XLOOKUP, INDEX-MATCH, SUMIFS, IF), Conditional Formatting, PivotTables & Charts, Power Pivot, Interactive Visualization, Excel Dashboards.
- **Business & Analytical Skills:** Requirements Gathering, Business Acumen, Critical Thinking, Problem Solving, Business Performance Analysis, Insight Generation, Data-Driven Recommendations, Stakeholder Communication.

WORK EXPERIENCE

Data & Quality Assurance Intern (SIWES)
VDL Technologies, Ikeja, Nigeria
May 2025 – October 2025

- Queried relational databases across **3+ gaming services using SQL** to extract player performance data across daily, weekly, and monthly reporting cycles, producing accurate **leaderboard reports** for reporting officers.
- **Extracted, cleaned, validated, and transformed raw CSV datasets in Microsoft Excel**, resolving inconsistencies, standardizing formats, and structuring datasets across multiple reporting periods.
- Conducted **end-to-end manual QA testing across 5+ gaming and consumer-facing services**, executing test scenarios, identifying defects, and escalating issues to technical teams.
- Created **structured defect reports with reproducibility steps and supporting evidence**, enabling development teams to prioritize and resolve defects efficiently.

ANALYTICS PROJECT

African Gig Economy & Digital Wallet Risk Analytics
GitHub Documentation

- Developed a **3-page Power BI dashboard** analysing 50,000 digital wallet transactions across Nigeria, Ghana, Kenya, and South Africa to assess fraud exposure, payment efficiency, and gig-worker risk.
- Modelled transaction, worker, market, channel, and date datasets using a **star schema**, enabling cross-market analysis of financial performance, KYC verification, and transaction behaviour.
- Created **DAX measures, KPI dashboards, and interactive visualizations** to evaluate fraud rates, transaction completion, processing times, payment channels, and worker risk segmentation.
- Identified **$12.56M in fraud losses across $24.98M in transaction value**, with a **50.29% fraud rate**, revealing persistent financial exposure and the need for continuous fraud monitoring.
- Discovered that **63.4% of active workers were classified as high-risk**, while Ghana recorded the highest fraud rate at **50.7%**, highlighting opportunities for automated, market-specific fraud controls.

LexEuropa Legal Intelligence Analytics
GitHub Documentation

- Developed a **3-page Power BI dashboard** to evaluate law firm profitability, client risk exposure, case performance, and lawyer utilization, supporting data-driven financial and operational decisions across European offices.
- Built a **star-schema data model** integrating case financials, client profiles, lawyer records, office locations, and date dimensions to enable multidimensional performance analysis.
- Developed **DAX measures and interactive visualizations** to analyse revenue, profit margins, outstanding balances, billable hours, case outcomes, and client risk across practice areas and offices.
- Identified **€2.80B in revenue and €1.59B in profit**, representing a **56.81% profit margin**, while uncovering €773.38M in outstanding balances requiring improved collections and credit-risk monitoring.
- Revealed that **critical-risk cases carried approximately €600M in outstanding balances**, highlighting concentrated financial exposure and opportunities for targeted client risk management.

Sunrise Coffee Chain SQL Analytics
GitHub Documentation

- Conducted an **end-to-end SQL analysis** of 60 coffee stores across 12 UK regions to evaluate sales performance, profitability, operational costs, and customer loyalty effectiveness, supporting strategic investment decisions.
- Designed a **5-table star-schema data warehouse** and implemented ETL processes, data cleaning, duplicate checks, and validation across 10,000 daily sales records and 1,440 monthly profitability records.
- Developed **10 analytical SQL queries** using CTEs, JOINs, window functions, and aggregate functions to assess store profitability, cost structures, product revenue contribution, seasonal trends, and loyalty performance.
- Identified **Transport-Hub stores as the most profitable location format**, achieving a 25.14% net profit margin, while the highest-cost store recorded rent and staffing expenses equivalent to 65% of revenue, highlighting cost optimization opportunities.
- Revealed that **espresso-based drinks contributed 45.21% of recorded category revenue**, generating £8.55M, while Coventry Roastery led store profitability with £574K in net profit and a 38.21% margin, informing product and investment prioritization.

CREDENTIALS

B.Sc. Computer Science (2.98)
Redeemer's University, Ede, Nigeria
Graduated: August 2026

DataCamp Data Analyst Associate

- Issued: July 2026
- Credential ID: DAA0019755434550

Utiva Data Analytics Diploma

- Issued: April 2025
- Credential ID: ZEMOHS5OGXIO7