GABRIEL NNANA

Data Analyst | Business Intelligence | Healthcare Analytics

Power BI & DAX • SQL • Python (Machine Learning & SHAP)

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Availability (Netherlands): Available now | Full-time, part-time, remote & permanent roles

PROFESSIONAL SUMMARY

Data Analyst with 5+ years across healthcare, business and financial operations, building Power BI, SQL and Excel reporting and applying statistical and predictive analysis (Python, regression, machine learning) to turn messy data into decisions. Results include ~20% lower patient waiting times, ~25% less manual data checking and weekly reporting cut from 16 to 5 hours. Currently completing an MBA in Data Analytics & AI.

KEY ACHIEVEMENTS

- Drove an 80%+ improvement in overall business performance at Datijeh Nigeria Limited by digitalising reporting across 11+ locations and 15 product categories.
- Reduced manual data-checking and correction effort by approximately 25% across 25+ client projects at De Aftermath Consultancy Firm by designing standardised data-cleaning and validation processes.
- Identified a 118-minute peak patient waiting time and a 25% emergency-case threshold driving hospital delays at Carudo Clinic Center, and delivered staffing recommendations that management adopted, reducing average waiting time by ~20%.
- Founded and built NestNL, a web app guiding international students through their first 30 days in the Netherlands; led a team of 5 and pitched it to Wittenborg University as a partnership (under review).

SKILLS

Data Analysis & Data Quality: Data Cleaning • Data Validation • ETL (Extract, Transform, Load) • Root Cause Analysis • Statistical Analysis • Predictive Analytics • Regression Analysis • Hypothesis Testing

BI & Reporting Tools: Microsoft Excel (Advanced) • SQL • Power BI • DAX • Power Query (M) • Data Modelling • KPI Dashboard Design • Data Visualization • Stakeholder Reporting

Financial Analysis: Budget Management • P&L Reporting • Internal Rate of Return (IRR) • Economic Value Added (EVA) • Investment Appraisal

Domain Knowledge: Healthcare Analytics • Emergency Department (ED) Performance Analytics • Patient Wait-Time & Bed Occupancy Analysis • Workforce & Recruitment Analytics • Business Operations Consulting • Clinical & Laboratory Data Management • Research & Statistical Consulting (SPSS)

Programming & Advanced Analytics: Python (pandas, scikit-learn) • Machine Learning (Logistic Regression, Random Forest, XGBoost) • SHAP Explainable AI • CRISP-DM Methodology

PROFESSIONAL EXPERIENCE

Healthcare Data Analyst (Freelance, Remote) *Nov 2025 – Present*

Carudo Clinic Center, Uyo · Enlightir Global

- Carudo Clinic Center (Nov 2025 – Jan 2026): Built Power BI and Excel dashboards for emergency department capacity planning — patient wait times, bed occupancy, staffing levels and service capacity — replacing paper records and unvalidated manual reporting with live, remotely accessible KPIs.
- Carudo Clinic Center: Applied CRISP-DM with a regression-based wait-time model, staffing-rule analysis and interactive scenario planning; identified a 118-minute peak waiting time and a 25% emergency-case threshold. Staffing recommendations adopted by management reduced average patient waiting time by ~20%.
- Enlightir Global (Jan 2026 – Present): Cleaned and validated 12,000+ healthcare operational records in Power Query, correcting 1,981 data inconsistencies that would otherwise have distorted KPI calculations.
- Enlightir Global: Built 5+ Power BI dashboards that cut weekly performance-review preparation from 16 to 5 hours.
- Led a CRISP-DM analysis of a gestational diabetes screening dataset.

Healthcare Data Analyst & Clinical Data Coordinator *Sep 2023 – Apr 2025*

University of Westminster, London

- Analysed laboratory and clinical datasets with SQL, Excel, Power BI and Python, including 374+ records for a potassium-ion and atrial fibrillation research study.
- Built dashboards for clinical trends and ran ETL and validation checks; supported 11+ master's and 2 PhD students with statistical analysis.

Data Quality Analyst *Sep 2022 – Nov 2024*

De Aftermath Consultancy Firm

- Cleaned and validated data across 25+ client projects over 2 years and 2 months, catching duplicate records, gaps and inconsistencies to improve data reliability.
- Designed standard validation rules and data-cleaning processes that reduced manual checking and correction by approximately 25%.

Founder *Dec 2017 – Present*

Datijeh Nigeria Limited

- Founded and led a data-driven workforce, recruitment and operations consultancy delivering 30+ client projects annually across healthcare, education, hospitality and corporate sectors; managed a team of 34.
- Managed an annual budget of approximately $450K and calculated internal rate of return (IRR) and economic value added (EVA) to support business and investment decisions.
- Digitalised manual reporting across 11+ business locations and 15 product categories, including weekly profit & loss (P&L) reports for each location; internal review attributed an 80%+ improvement in overall performance to the change.

PROJECTS

NestNL — Student Arrival Platform (Founder & Team Lead, 2026) | nestnl.floot.app

Arriving in the Netherlands for my MBA, I found new-student information scattered across dozens of sources. I identified the problem and, with guidance from my Marketing Management lecturer Dr Cansu Kadioglu, built NestNL: a web app that guides international students through their first 30 days in 18 steps, from municipality registration and BSN to banking, housing and GP registration. Led a team of 5 international students and pitched it to Wittenborg University as a partnership (under review).

Retail Sales Analytics Workbook & KPI Dashboard

Built a CRISP-DM retail analytics workbook in Excel (1,000 transactions): data cleaning, descriptive-to-prescriptive analytics, hypothesis testing across gender, category, age and day-type segments, and an interactive KPI dashboard with a DAX & SQL guide for porting to Power BI. Caught a data-truncation artefact that would have shown a false 'declining revenue' trend before it reached stakeholders.

HR Attrition Analytics Dashboard (Power BI)

Cleaned and modelled a 1,403-employee HR dataset in Power Query and built an interactive Power BI dashboard (DAX KPIs, department/age slicers) tracking headcount, attrition rate (16.2%) and drivers by department, role, age, salary band and tenure. Validated drivers with chi-square tests: overtime workers left at 3 times the rate of others (31.1% vs 10.2%), and 43% of leavers exited within two years — pointing retention efforts at early-tenure onboarding and workload management.

30-Day Hospital Readmission Risk — Predictive Analytics Portfolio Project

End-to-end Python pipeline on real hospital admissions data (CRISP-DM): feature engineering, hypothesis testing, and Logistic Regression / Random Forest / XGBoost compared on ROC-AUC, PR-AUC, recall and calibration. SHAP explains each patient's risk score, feeding a risk-tiered Excel and Power BI dashboard for discharge planning.

LEADERSHIP

Student Union President — Akwa Ibom State University, Nigeria

Student Ambassador & Leader of the Nigerian Student Community — Wittenborg University of Applied Sciences (2026 – present)

EDUCATION

MBA, Data Analytics & AI — Wittenborg University of Applied Sciences, Netherlands (Jul 2026 – Feb 2028, in progress)

MSc, Biomedical Sciences (Clinical Biochemistry) — University of Westminster, London (Sep 2023 – Mar 2025)

MSc, Biological Sciences — Akwa Ibom State University, Nigeria (Oct 2020 – Feb 2023)

BSc, Biological Sciences — University of Calabar, Nigeria (Nov 2009 – Aug 2015)

CERTIFICATIONS

Google Data Analytics Certificate (2026) • Anthropic Academy MCP (2026) • Microsoft PL-300 (in progress)

LANGUAGES

English (Fluent) • Dutch (Basic — taking lessons twice a week)