

BADAWI, Aminu Muhammed

Data Analyst | Business Intelligence | Research Associate

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SUMMARY

Analyst with 5years experience in using descriptive, inferential, and predictive analytics across domains such as public health, finance, and SMEs; where I have designed dashboards, developed data models, employed ETL pipelines, and deployed insights that cut reporting lag and improved strategic outcomes. Trained to makes use of modern tools to detect trends & patterns, wrangle data, and proffer solutions-based models for actionable insights.

CORE SKILLS

- **Languages:** SQL, Python, R, & Excel VBA
- **Data Collection:** G. forms, Kobotool, ODK
- **Document typesetting:** LATEX
- **Monitoring & Evaluation | Statistical Analysis | Data modelling | ETL Processes | Time Series**
- **Office suite:** MS word, Excel, Google sheets.
- **Technical Writing:** Grammarly, Quillbot etc.
- **Research:** Google scholar, Semantic Scholar.

WORK EXPERIENCE



Data Analyst (Freelance)

- ❖ BT-Hub Centre for Digital Skills and Innovation 2025
 - Led training sessions on R, SQL, Python, Data Visualization, & Dashboard reporting for early career analyst.
 - Advised on Business Investment plan which attracted substantial investment. I was also instrumental to the Recruitment and onboarding of its employees to the workforce.
- ❖ Program Facilitator @ AZ_Data_Science & Artificial Intelligence, Zamfara.
- ❖ Designed and built sales forecasts model that improved purchasing decisions and reduce overstock for several SMEs.



AI Data Specialist (Remote)

RWS Group – United Kingdom

Aug 2024

- Performs Data Quality Assessment (DQA) for LLMs to train and improve Artificial Intelligence (AI) models.
- Data Annotation and labelling for Raw unstructured data
- Conducted A/B testing & Process Automation for AI models



Finance/Operations Manager

Medhal Nigeria Limited

Sep 2022 – Dec. 2024

- Managed NCAT's Cafeteria services represented as an independent contractor for 2+ years with a developed structured operational process with 24/7 cycle.
- Prepared and presented monthly reports with solution models to the management team to aid optimum decision making and profit maximization.
- Employed the *Six Sigma DMAIC* method to maximize the cafeteria revenue up to a 72% net margin.





Finance/Marketing Manager

Moorlick Animal Multi-nutrients

Nov. 2023 – Dec. 2024

- Incorporated the *SPC-Six Sigma* to minimize defects and reduce variability to the standard 3.4 DPMO.
- Tracked and reported financial KPI's including budget variance, burn rate, customer churn rate, and cost effectiveness analyses for supply chain logistics.
- Managed financial accounts; marketing expenses, payroll schedules, cost analysis, balance sheets to ensure profit maximization.



Project Analyst (Monitoring & Evaluation)

Medhal Nigeria Limited

Jun. – Aug. 2022

- Co-Supervised the Completion of 250 capacity cafeteria for Nigerian College of Aviation Technology awarded to Medhal Nigeria Limited.
- Monitored and evaluated the Procurement & supply of office and Cafeteria equipment for Nigerian College of Aviation Technology.



Accountant Officer

Mr. Biggs (Kaduna and Zaria)-UAC Franchisee

Mar. 2019 - Apr. 2020

- Oversaw monthly, quarterly, and annual budget planning and variance analysis, reduced overspending by 15% YoY.
- Maintained ledger integrity by overseeing account reconciliations, profit & loss statements, accounts payable/receivable, payroll processing and more by automating records thereby achieving <1% error rate.

WORKSHOPS

- Research and Professional Writing Techniques. (*Academic Workshop*)
- Writing Effective Grants Applications. (*Academic Workshop*)
- Adolescent girl Initiative for Learning and Empowerment. (*Government*)

CERTIFICATIONS

- Statistical Analysis using the R and SPSS.
- Datacamp Intermediate SQL.
- W3 Practical Data analysis & Visualization.
- **INFORMS** Professional Analytics Certificate.
- Adolescent Girl Initiative for Learning and Empowerment. (*Certificate of participation*)

MEMBERSHIPS/COMMUNITIES

- Nigerian Association of Data Analyst & Business Intelligence Experts (NSDABIE)
- Chartered Institute of Statisticians of Nigeria (CISON)
- BT-hub Data Science Community (BDSC) Zaria
- AZ_Data_Sience & Artificial Intelligence Fellowship – Facilitator
- Kaggle Data Community (Data Science community)



PROJECTS/PUBLICATIONS

- Co-author: Development TNWED for modelling Breast cancer data (Journal article, 2023)
- Lead author: Cure Fraction Models based on the TNWED for Survival Data (Journal article, 2025); paper presented at the 8th PSSN Conference with theme- “key to Unlocking Nigeria’s Economic Potentials.”

VOLUNTEER SERVICES

- STEM tutor for pre-university aspirants (ILYASAWA Foundation, Zaria).

EDUCATION

- 🎓 Master's Degree in Statistics 2021 – 2024
Ahmadu Bello University, Zaria
- 🎓 Bachelor's Degree in Statistics 2013 – 2017
Ahmadu Bello University, Zaria
- 🎓 Computer Software Applications 2012
Nuhu Bamalli Polytechnic, Zaria

PERSONAL SKILLS

Job Related Skills

- **Financial Management and Accountability**
-Development of automated dashboard to Analyse KPI's and outcome indicators for revenue tracking & Reduction of budget variance (planned - actual expenditure) from data informed cost projections at Medhal Nig. Ltd.
- **Project Management, Monitoring and Evaluation**
-carried out several successful projects at such as RCA, several M &Es, process optimizations and operations managements.
- **Leadership and Managerial Responsibilities**
-have worked with department heads and spearheaded several stakeholder meetings where presented proposals were accepted and approved

Languages

Official: English – proficient user (based on CEFR)

Native: Hausa (Fluent), Yoruba (Intermediate)

REFEREES

Available on Requests