

BENARD ONYANGO OMOGA

Data Analyst | BI Developer

Nairobi, Kenya | +254 742 940 872 | benardomoga86@gmail.com

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [YouTube](#)

PROFESSIONAL SUMMARY

Data Analyst and BI Developer with 4+ years of experience turning operational and research data into dashboards, automated reports, and KPI frameworks that support business decision-making. Skilled in SQL, Python, Power BI, Tableau, and advanced Excel, with hands-on experience building end-to-end analytics pipelines using dbt and Databricks and developing lightweight data applications with Streamlit. Track record of automating manual reporting workflows (cutting turnaround time by up to 50%), improving data accuracy above 95%, and training 100+ staff and field personnel on data collection and reporting systems. Comfortable working across the full analytics stack; from database design and ETL/ELT to dashboarding and stakeholder reporting. Seeking remote or international Data Analyst / BI Developer roles.

CORE COMPETENCIES

Data Analysis & BI: Data Analysis, Business Intelligence, Dashboard Development, Data Visualization, KPI Reporting, Statistical Analysis, Data Cleaning & Preparation, Monitoring & Evaluation (M&E)

Programming & Query Languages: Python (Pandas, NumPy), SQL, DAX, Power Query (M), R (basic), Jinja

BI & Visualization Tools: Power BI, Tableau, Microsoft Excel (Advanced incl. Power Pivot/Power Query), Google Sheets, Google Slides

Data Engineering: ETL/ELT Development, dbt Core, Databricks, Medallion Architecture (Bronze/Silver/Gold), Data Modeling, Data Warehousing

Databases: MySQL, PostgreSQL, MongoDB, SQLite

Other Tools & Platforms: Streamlit, Git & GitHub, SPSS, Machine Learning Fundamentals, Web Development (HTML, CSS, JavaScript, WordPress), Microsoft Office 365, Google Workspace

PROFESSIONAL EXPERIENCE

Data Analyst & IT Specialist — Impact Axis Consultancy | Nairobi, Kenya

January 2025 – Present

- Developed automated dashboards and operational reports in Power BI and Excel, reducing report preparation time by approximately 40%.
- Designed and implemented digital data collection systems that improved data accuracy by over 95% across multiple projects.
- Analyzed operational and project data to identify trends, risks, and opportunities, supporting strategic decisions for management and clients.
- Produced KPI dashboards and performance reports for 10+ projects, enabling timely monitoring of organizational performance.
- Automated SQL- and Python-based reporting workflows, minimizing manual data processing and improving reporting consistency.
- Trained 20+ staff and over 100 field personnel on data collection tools, reporting systems, and data quality best practices.
- Collaborated with multidisciplinary teams to deliver accurate analytical reports within project deadlines.

Data Analyst — Epistat Research Company | Nairobi, Kenya

February 2023 – December 2024

- Managed and analyzed datasets containing 500,000+ records across research and monitoring projects.
- Developed interactive Tableau dashboards that improved KPI visibility and reduced manual reporting effort by approximately 50%.
- Automated recurring reporting processes using SQL and Python, significantly improving reporting turnaround times.
- Conducted data quality assurance and validation, maintaining over 98% reporting accuracy.
- Identified business trends, anomalies, and operational insights that supported evidence-based decision-making.
- Presented analytical findings and dashboard insights to project managers, clients, and senior stakeholders.
- Worked closely with cross-functional teams to ensure consistent, timely, and high-quality reporting deliverables.

- Supported business operations through statistical analysis, KPI reporting, and dashboard development.
- Improved reporting efficiency by standardizing data preparation and reporting processes.
- Performed data validation and quality assurance to enhance data accuracy and reliability.
- Collaborated with business stakeholders to gather reporting requirements and deliver actionable insights.
- Assisted in automating routine reporting tasks using Excel and SQL, reducing manual effort and improving productivity.

KEY PROJECTS

Kenya Mobile Money & Agent Network Intelligence | *Power BI, Python, SQL, DAX*

Built an end-to-end analytics pipeline analyzing a synthetic dataset of 1M+ transactions across Kenya's mobile-money agent network (~KSh 722.5B in monthly volume). Engineered the analytical database and star schema with Python and SQL, wrote DAX measures for profitability and performance KPIs, and developed an interactive Power BI dashboard surfacing geographic and operational risk insights, with version control managed in Git.

[Documentation](#) | [Video Demo](#)

HR Analytics Dashboard | *Tableau, Python (Pandas, NumPy, Faker)*

Generated a realistic synthetic HR dataset with Python and Faker, cleaned and transformed it in Jupiter Notebook using Pandas and NumPy, and built an interactive Tableau dashboard analyzing workforce demographics, attrition, compensation, recruitment, and attendance trends.

[Documentation](#) | [Live Dashboard](#)

Retail Sales & Profit Management System | *Python, Streamlit, SQLite*

Developed a real-time retail sales and inventory management web application enabling sales tracking, profit analysis, stock management, and transaction reporting for small businesses, deployed live on Streamlit Cloud.

[Documentation](#) | [Live App](#)

End-to-End dbt & Databricks Data Engineering Pipeline | *dbt Core, Databricks, SQL, Python, Jinja, Git*

Built a Medallion Architecture (Bronze/Silver/Gold) ELT pipeline on Databricks, transforming raw data into analytics-ready models using modular dbt SQL and Jinja macros, with data quality tests, seeds, and snapshots for historical tracking, structured for CI/CD deployment.

[Documentation](#)

FNP Sales Trends Analysis Dashboard | *Microsoft Excel, Power Query, Power Pivot*

Built an interactive Excel BI dashboard for a retail florist business analyzing revenue trends, customer behavior, product performance, and delivery efficiency, using Power Query for data transformation and Power Pivot/Pivot Tables with slicers and timelines.

[Documentation](#) | [Excel Workbook](#)

Professional Data & IT Portfolio Website | *HTML, CSS, JavaScript*

Designed and developed a responsive personal portfolio site showcasing technical projects and skills, including a functional contact form built with FormSubmit.

[Live Site](#)

Additional Repositories

- **SQL Beginner to Advanced (MySQL)** (*database design, joins, CTEs, window functions, stored procedures, triggers, query optimization*) — github.com/Amollo1/sql-beginner-to-advanced
- **DAX Analytics Playbook (Power BI)** (*measures, filter context, time intelligence, business calculations*) — github.com/Amollo1/dax-analytics-playbook
- **TechSphere SQL Database System (MySQL)** (*schema design and queries for employee/department management*) — github.com/Amollo1/techsphere-sql-database-system

EDUCATION

Bachelor of Science in Information Technology

KCA University, Nairobi, Kenya — Second Class Honours (Upper Division)