

MICHAEL KODUA BOAMAH

DATA ANALYST

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+LinkedIn Profile

GitHub Profile

Portfolio Website

PROFESSIONAL SUMMARY

Highly motivated Data Analyst with proven expertise in leveraging data analysis, visualization, monitoring and Evaluation and performance analytics to drive evidence-based decision-making and optimize business performance. Skilled in interpreting complex datasets to generate actionable insights that enhance organizational impact and efficiency. I have Demonstrated strong analytical thinking, problem-solving, and teamwork, with a growth mindset and commitment to continuous learning in analytics and development. Passionate about applying data analytics techniques to process optimization, and impact measurement

EXPERIENCE

STRATEGY AND DATA ANALYST – VOLUNTEER

S2S Dynamics | Germany - Remote

September 2025 – Current

- Conduct comprehensive market and policy research on e-waste and circular economy trends, identifying strategic opportunities and risks to inform business decisions.
- Analyze competitor strategies, pricing models, and positioning to guide data-driven market insights and strategic planning.
- Support investor relations through research, development of pitch decks, and go-to-market documentation, facilitating successful funding and execution.
- Synthesize complex data into clear, actionable strategy briefs and engaging presentations for diverse stakeholders.
- Lead customer discovery initiatives, analyzing feedback to optimize product-market fit and drive continuous improvement

DATA ANALYST BOOTCAMP GRADUATE

Generation Ghana / Accra, Ghana

April 2025 – July 2025

- Cleaned, transformed, explored, and analyzed diverse datasets to identify key trends, patterns, and anomalies; applied statistical methods to uncover gaps and recommended actionable strategies
- Developed, maintained and presented an interactive data visualization dashboard using Power BI to communicate findings effectively and enhance presentation skills.
- Designed and implemented a MySQL database to efficiently manage datasets for advanced data extraction and analysis, strengthening database management capabilities.
- Demonstrated strong teamwork by collaborating effectively with individuals from diverse backgrounds on group projects, achieving team goals and fostering a cooperative, productive work environment.

PLANNING OFFICER – VOLUNTEER

Accra Metropolitan Assembly | Accra, Ghana

November 2023 – August 2024

- Cleaned and analyzed program data resulting in more actionable insights that guided stakeholder decisions improving program monitoring experience and meeting implementation deadline
- Assessed and evaluated programs using a logical framework by analyzing data, then presented insights to stakeholders, enabling data-driven program adjustments to improve project outcomes.
- Developed and monitored KIPs aligned with organizational, national and international goals, ensuring accurate evaluation of program performance and spotting programs implementation discrepancies
- Trained 5+ staff on a web-based data platform to enhance data compilation and transparency, strengthening data communication and leadership skills while scoring 95% from external assessors

PLANNING OFFICER – INTERN

Accra Metropolitan Assembly | Accra, Ghana

November 2022 – November 2023

- Cleaned and analyzed financial datasets using Excel, generating actionable insights to support project planning and guide stakeholder decision-making allowing resources to be used efficiently
- Developed and implemented a data collection and Monitoring & Evaluation (M&E) framework to track project outcomes, ensuring compliance with Sustainable Development Goals (SDGs).
- Communicated complex analytical findings through clear visualizations and presentations, facilitating strategic planning and stakeholder engagement for the development of the 2024 Annual Plan
- Collaborated with cross-sector stakeholders in health, education, and capacity building to facilitate successful project execution and data-driven decision-making.

EDUCATION

BSc. Development Planning, Kwame Nkrumah University of Science and Technology | 2018 – 2022

CERTIFICATIONS

Data Analytics, Generation Data Analysis Program | 2025

TECH STACK:

Languages: Python, SQL

Libraries: Pandas, NumPy, Seaborn, Plotly, Requests, Scikit-learn, Matplotlib.

Data Visualization: Advanced Microsoft Excel and Power BI.

Tech Skills: Data cleaning, VLOOKUP and XLOOKUP, KPI tracking, Data mining, ETL, techniques, Monitoring & evaluation (M&E), Statistical analysis, Predictive analysis, Data ethics, Documentation, Research, Data modeling, Data accuracy and Data security

Soft Skills: Communication, Leadership, Teamwork, Collaboration, Critical thinking, Time management and Problem-solving, Creative thinker and Detail-oriented.

INTEREST

- Coding
- Reading books and research
- Design and art
- Trivia and Sport games

PROJECTS

Title: Logistics Service Analysis project | [Project Details](#)

Analyzed logistics operations to identify process inefficiencies and customer satisfaction drivers, recommending data-driven strategies that improves service quality and operational cost-efficiency.

Title: Data Cleaning Project | [Project Details](#)

Cleaned and transformed a restaurant review dataset of 50,000+ with missing values, inconsistent data types and multi-valued fields, then structured it in a My database to enable reliable analysis

Title: UK Rail Service Data Analysis Project | [Project Details](#)

Used Pandas, Excel, and Power BI to uncover patterns in train delays and customer complaints, providing insights for operational improvements.

Title: Customer Default Risk Analysis and Segmentation Project | [Project Details](#)

Utilized customer segmentation and Power BI to identify high-risk customer groups, informing better credit management strategies.