Abiodun Samuel AKOZO-EMIRI

Data Analyst | Data Scientist | Developer | Educator

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🌐 https://biosam-data.github.io/portfolio-website/

PROFESSIONAL SUMMARY

Junior Data Analyst with proven skills in Python, SQL, Excel, and BI tools (Tableau, Power BI). Experienced in extracting actionable insights, building dashboards, and automating reports. Strong background in statistics and teaching, with projects focused on churn prediction, customer segmentation, and portfolio development. Adept at working in remote teams and communicating insights to drive business decisions. Completed real-world projects involving automation, dashboard design, and user-focused app development. Open to remote or hybrid roles in dynamic data-driven environments.

SKILLS

Languages & Tools: Python · SQL · Excel · Tableau · Power BI · Jupyter · Git · Tkinter
Version Control: Git · GitHub
Libraries & Frameworks: Pandas · NumPy · Matplotlib · Seaborn · Scikit-learn
Data Handling & Analysis: Data Wrangling · Exploratory Data Analysis (EDA) · Dashboards · Reporting · Automation
Soft Skills: Critical Thinking · Communication · Teamwork · Adaptability

EXPERIENCE

Freelance Data Analyst & Developer - *Remote*
JANUARY 2025 - PRESENT

- **MarketMetrics – A Finance and eCommerce Deep-Dive**
  Analyzed multi-source commerce data to identify delivery delays, seller inconsistencies, and key operational gaps; presented insights using Python and Power BI dashboards.
  GitHub Repo https://github.com/BioSam-Data/MarketMetrics
- **Capstone Project – EDA on Palmer Penguins Dataset**
  Used Python, Pandas, and Seaborn to perform exploratory data analysis and derive insights from biological datasets.
  GitHub Repo https://github.com/BioSam-Data/capstone-project
- **MovieTrackerApp – Python Desktop App**
  Developed a Tkinter-based Windows application for logging and organizing personal movie data.
  Focused on GUI design, data storage, and search functionality.
  GitHub Repo https://github.com/BioSam-Data/MovieTrackerApp
- **Personal Portfolio Website**
  Built a responsive portfolio site using GitHub Pages to showcase data science projects and my resume.
  Utilized HTML, CSS, JavaScript, and hosted via GitHub Pages for continuous deployment.
  Portfolio Website https://biosam-data.github.io/portfolio-website

Mathematics & ICT Teacher - *Calvary Group of Schools, Arepo*
2021 - 2022

- Taught statistics, computer science, and Python programming to junior and senior students.
- Used Excel and Google Sheets to analyze student performance, identify trends, and adapt lesson delivery.
- Produced academic reports and introduced spreadsheet-based performance dashboards.

Further Mathematics & Physics Teacher - *Treasure Land Academy, Magboro*
2019 - 2021
- Designed data-informed lessons in Physics and Further Mathematics using performance analytics.
- Led school-wide STEM projects and implemented remote learning via Google Classroom and Zoom.
- Generated student performance reports using spreadsheets to support academic interventions.

Mathematics & Science Teacher - *CAROS Standard Schools, Ibafo*
2017 - 2019
- Built school-wide performance dashboards in Excel/Google Sheets, improving curriculum delivery.
- Analyzed academic data to improve outcomes, leading to a 21% increase in average class scores.
- Trained students for national STEM competitions, securing a Top-5 state ranking in Cowbell Mathematics.

KEY IMPACTS & CONTRIBUTIONS
- **Increased user understanding of data visualization** by building interactive dashboards and EDA reports using Python (Pandas, Seaborn) in the **Palmer Penguins Capstone Project**, showcasing species distribution and variable correlation.
- **Improved personal productivity and digital organization** by developing the **MovieTrackerApp**, a Tkinter-based desktop application that allowed for CRUD operations, local storage, and real-time search/filter features using Python.
- **Boosted personal brand visibility and employability** through the creation of a **portfolio website** built with HTML, CSS, and JavaScript — hosted on GitHub Pages — showcasing technical skills, resume, and project repositories.
- **Enhanced student performance** by analyzing classroom data with Excel and Google Sheets, leading to a **21% increase in class average** and recognition as the "Most Improved Class."
- **Fostered data literacy and digital skills** in students by incorporating Python, statistics, and spreadsheet-based analysis into lesson plans, preparing them for national STEM contests like the **Cowbell Mathematics Competition**.
- **Collaborated with remote data communities** on GitHub and Telegram, contributing to code reviews, debugging, and project feedback, simulating a real-world team-based data environment.

EDUCATION
Diploma in Statistics - *Yaba College of Technology*
2012 - 2015
Graduated top 3 in class with **Second Class Upper Division**.
Built a strong foundation in statistical methods, data interpretation, and quantitative analysis.

PROFESSIONAL TRAINING & CERTIFICATIONS
Full-Stack Data Science Program
Digital Regenesys – 2024 till date
Comprehensive hands-on training in data analysis, machine learning, data visualization, and model deployment using Python, SQL, Tableau, and Power BI.

Python Programming: Foundations to Advanced
LinkedIn Learning — 2020
Completed beginner to professional-level training in Python, covering data types, functions, object-oriented programming, and practical scripting.

ACADEMIC ACHIEVEMENTS & COMPETITIONS
- Represented school in **National Cowbell Mathematics Competition** and other interschool STEM contests.
- Improved learners' academic performance by using data analysis tools to study and improve their study process ensuring in my class being named the **Most Improved Class**.
- Received recognition for exceptional performance in mathematics and logical reasoning.