

# Abiodun Samuel AKOZO-EMIRI

Data Analyst | Data Scientist | Developer | Educator

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**Portfolio:** <https://biosam-data.github.io/portfolio-website/>

**LinkedIn:** <https://www.linkedin.com/in/abiodun-akozo-emiri-data-analyst>

**GitHub:** <https://github.com/BioSam-Data>

**Medium:** <https://biosam-data.medium.com/>

## PROFESSIONAL SUMMARY

Junior Data Analyst with 3+ years of proven experience in Python, SQL, Excel, and BI tools (Tableau, Power BI).

Demonstrated expertise in extracting actionable insights from complex datasets, building interactive dashboards, and giving relevant recommendations. Strong statistical background with hands-on experience in machine learning, customer segmentation, and predictive analytics. Seeking remote or hybrid data analyst role to leverage analytical skills in driving business decisions and operational efficiency.

## SKILLS

**Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Plotly), SQL (MySQL, PostgreSQL, SQLite)

**Data Analysis Tools:** Excel, Power BI, Tableau, Jupyter Notebook, Google Sheets

**Version Control:** Git, GitHub

**Development Tools:** HTML, CSS, JavaScript, Tkinter

**Statistical Analysis:** Hypothesis Testing, Regression Analysis, Time Series Analysis, A/B Testing

**Soft Skills:** Critical Thinking, Data Storytelling, Data Visualization, Cross-functional Collaboration, Business Intelligence Reporting, Project Management

## PROFESSIONAL EXPERIENCE

**Freelance Data Analyst & Developer | Remote**

2024 - Present

**MarketMetrics - Finance and eCommerce Analytics Project (Logistics Analysis)**

- Analyzed 10,000+ rows of the Brazilian Olist eCommerce transactions to identify delivery bottlenecks and seller performance inconsistencies.
- Generated 15+ key visualizations reducing manual reporting time by 60%.
- Identified 5 critical operational gaps leading to 15% improvement in delivery efficiency recommendations.

**Palmer Penguins Capstone - Exploratory Data Analysis**

- Performed comprehensive biological EDA on 344 penguin specimens using Python, Pandas, and Seaborn
- Discovered species distribution patterns and correlation insights with 95% statistical confidence
- Created 8 interactive visualizations for biological research presentation

**MovieTrackerApp - Desktop Application Development**

- Developed Python-based desktop application with CRUD functionality for personal data management
- Implemented local data storage and real-time search features using Tkinter
- Enhanced personal productivity tools with user-friendly GUI design and database integration.

**Portfolio Website Development**

- Built responsive portfolio website using HTML, CSS, JavaScript hosted on GitHub Pages
- Showcased 5+ data science projects and blog posts with live demonstrations and code repositories
- Increased professional visibility and networking opportunities in data community

## EDUCATION

**Diploma in Statistics | Yaba College of Technology**

2012 - 2015

- Graduated top 3 in class with Second Class Upper Division
- Developed a strong foundation in statistical methods, data interpretation and quantitative analysis

## OTHER RELEVANT EXPERIENCE

### Mathematics & ICT Teacher | Calvary Group of Schools

2021 - 2022

- Analyzed student performance data for 150+ students using Excel and Google Sheets statistical functions
- Implemented data-driven teaching strategies resulting in an average of 22% academic improvement
- Created automated performance tracking dashboards reducing manual grading time by 40%
- Taught Python programming and statistical concepts to junior and senior students
- Automated academic reporting using Excel.

### Further Mathematics & Physics Teacher | Treasure Land Academy

2019 - 2021

- Analyzed 200+ student records to design curriculum using Excel
- Led remote learning implementation using Google Classroom and Zoom during the COVID-19 pandemic
- Became Head of Science and managed school-wide STEM projects leading to 17% increase in STEM participations

### Mathematics & Science Teacher | CAROS Standard Schools

2017 - 2019

- Built comprehensive performance dashboard in Excel tracking 500+ students across multiple subjects
- Achieved 21% increase in average class scores through data-driven instructional improvements
- Implemented A/B testing methodology for curriculum delivery optimization
- Trained students for national STEM competitions
- Secured Top-5 state ranking in Cowbell Mathematics Competition through data-informed coaching

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Full-Stack Data Science Program (Digital Regenesys, 2024)
- Python Programming: Fundamentals | Advanced (LinkedIn Learning, 2020)
- HTML | IT Basics (Programming Hub, 2020)

## OTHER ACHIEVEMENTS & IMPACT

- 3-time National Cowbell Mathematics Competition representative at secondary school level as a student coming in at 16th, 3rd and 5th positions.
- "Most Improved Class" award for data-driven academic performance enhancement in students taught.
- Active contributor to remote data communities on GitHub and CodeWars with 10+ code reviews and project collaborations
- Coached students to Top-5 state ranking using performance analytics and statistical optimization