Samuel Nathaniel

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PROFESSIONAL SUMMARY

Analytical and detail-oriented **Data Analyst** with strong experience in leveraging **Python** and **R** to clean, analyze, and visualize data for impactful insights. Adept at using data-driven methods to inform business strategies, improve operational efficiency, and automate reporting processes. Skilled in developing dashboards, performing statistical analysis, and delivering measurable outcomes.

CORE SKILLS

- Programming: Python, R
- Data Tools: Pandas, NumPy, Matplotlib, Seaborn, ggplot2
- Statistical Analysis: Regression, Hypothesis Testing, ANOVA
- Data Visualization: Reports, Dashboards, Charts
- Data Handling: Cleaning, Transformation, Feature Engineering
- Others: Excel, Google Colab, Jupyter Notebook, Kaggle

TECHNICAL COMPETENCIES

- Version Control: Git, GitHub
- Database: SQL (basic), SQLite
- Cloud: AWS (Data Storage & Processing)
- Reporting Tools: Power BI (Introductory Level)
- Collaboration: Google Workspace, Slack, Notion

PROFESSIONAL EXPERIENCE

Freelance / Academic Data Analyst — Remote | Jan 2023 – Present
- Analyzed datasets of 10,000+ records to identify key patterns and optimize reporting accuracy.
- Automated data cleaning pipelines in Python, reducing manual effort by 40%.
- Developed visual dashboards that improved business reporting turnaround by 25%.
- Collaborated in online data communities (Kaggle, GitHub) to refine model accuracy and reproducibility.

EDUCATION

University of Uyo, Uyo
- Master of Engineering (M.Eng.) in Agricultural Engineering – 2024
- Bachelor of Engineering (B.Eng.) in Agricultural Engineering – 2019

CERTIFICATIONS

- Data Analysis with Python – Coursera / IBM
- Introduction to R for Data Science – DataCamp / Kaggle
- Google Data Analytics Professional Certificate – Coursera

PROJECTS

- **Sales Performance Dashboard:** Built interactive sales analytics using Python (Matplotlib & Seaborn) to track KPIs and trends.

- **Customer Retention Model:** Applied logistic regression to predict churn; improved model accuracy by 15%.
- **COVID-19 Data Analysis (R):** Used ggplot2 to visualize global infection trends and policy impacts.

ACHIEVEMENTS

- Top 20% in Kaggle beginner analytics competitions.
- Automated recurring data cleaning scripts saving 3+ hours weekly.
- Contributed open-source analytics notebooks on GitHub.

SOFT SKILLS

Analytical Thinking • Communication • Team Collaboration • Problem Solving • Adaptability

INTERESTS

Data Science • AI • Machine Learning • Business Intelligence • Visualization