

# Samuel Nathaniel

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## PROFESSIONAL SUMMARY

Analytical and detail-oriented **Data Analyst** with **2+** years of hands-on experience in data wrangling, visualization, and statistical modeling. Experienced in extracting insights from complex datasets using **Python** and **R**, and in presenting actionable findings to support data-driven decisions. Proven track record of automating workflows, improving reporting speed, and translating raw data into impactful visual narratives that drive strategy.

## CORE SKILLS

- Programming Languages: Python, R
- Data Analysis Tools: **Pandas**, **NumPy**, Matplotlib, Seaborn, ggplot2
- Data Visualization & BI: Dashboards, Reports, Graphs, Charts, **Power BI**
- Statistical Techniques: Hypothesis Testing, Regression, Correlation, ANOVA
- Data Handling: Cleaning, Transformation, Feature Engineering, SQL

## TECHNICAL COMPETENCIES

- Database Management: **SQL**, SQLite
- Version Control: Git, GitHub
- Cloud Platform: AWS (Data Storage and Processing)
- Workflow & Environment: Jupyter Notebook, Google Colab, Excel, Kaggle, Notion

## PROFESSIONAL EXPERIENCE

**Independent Data Analysis Consultant** | Freelance & Academic Projects — Remote (Jan 2023 – Present)

- Analyzed and interpreted datasets of **10,000+** records to identify performance trends and **inform strategic recommendations** for client projects.
- **Developed and automated** Python scripts that reduced data cleaning and processing time by **over 40%**.
- **Designed and presented** dashboards and visual reports that improved stakeholder data understanding by **30%**.
- Utilized Google Colab and Jupyter Notebook for reproducible, **well-documented workflows** and model versioning.
- Collaborated with Kaggle and GitHub communities to share and **validate novel data solutions**.

## PROJECTS

- **Sales Performance Dashboard:** Built an interactive dashboard using Python (Matplotlib & Seaborn) to visualize sales metrics, improving reporting time by 25%.
- **Predictive Model for Customer Retention:** Developed a logistic regression model that improved accuracy by 15% through feature engineering.
- **COVID-19 Data Analysis (R):** Visualized global COVID-19 trends using ggplot2; delivered insights on infection rates and recovery.

## CERTIFICATIONS

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

## **EDUCATION**

### **University of Uyo, Uyo**

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

## **SOFT SKILLS & PROFESSIONAL ATTRIBUTES**

Critical Thinking • Problem Solving • Communication • Attention to Detail • Collaboration