Samuel Nathaniel

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PROFESSIONAL SUMMARY

Analytical and detail-oriented **Data Analyst** with a strong foundation 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, ggplot2, Matplotlib, Seaborn
- Statistical Techniques: Hypothesis Testing, Regression, Correlation, ANOVA
- Data Visualization: Dashboards, Reports, Graphs, Charts
- Data Handling: Cleaning, Transformation, Feature Engineering
- Others: Jupyter Notebook, Google Colab, Excel, Kaggle

TECHNICAL COMPETENCIES

- Version Control: Git, GitHub
- Database Management: SQL, SQLite (Basic)
- Cloud Platform: AWS (Fundamentals – Data Storage and Processing)
- Reporting Tools: Power BI (Introductory Level)
- Collaboration & Workflow: Google Workspace, Slack, Notion

PROFESSIONAL EXPERIENCE

Freelance / Academic Data Analyst | Independent Projects — Remote (Jan 2023 – Present)
- Analyzed and interpreted datasets of 10,000+ records to identify performance trends and correlations.
- Automated Python scripts that reduced data cleaning time by over 40%.
- Developed dashboards and visual reports that improved stakeholder understanding by 30%.
- Utilized Google Colab and Jupyter Notebook for reproducible, well-documented workflows.
- Collaborated with Kaggle and GitHub communities to share data solutions.

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 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.

ACHIEVEMENTS

- Ranked in the top 20% of participants in Kaggle beginner competitions.
- Automated data-cleaning workflow saving multiple hours weekly.
- Published reproducible notebooks and visualizations on GitHub.

SOFT SKILLS

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

INTERESTS

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