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, Charts, **Power BI**
Statistical Techniques: Hypothesis Testing, Regression, Correlation, ANOVA

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