

# SAMUEL LARTEY

Dansoman, Accra, GHA

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## EDUCATION

**Bachelor of Science in Computer Science**  
**CATHOLIC UNIVERSITY COLLEGE OF GHANA**

Sept 2017 – Oct 2021  
Fiapre, Sunyani

**Relevant Coursework:** Data Structures and Algorithms, Critical Thinking, Database Management Systems, Statistical Analysis, Object Oriented Programming, Data Science and Machine Learning.

## WORK EXPERIENCE

**Data Analyst**  
**AFFINITY AFRICA**

May 2025 – Dec 2025  
Osu, Accra

- Engineered an automated ETL pipeline with Python and SQL that ingested, cleaned, and unified raw customer support data from multiple sources into a structured PostgreSQL database, enabling reliable analytics, dashboards, and automated reporting across teams.
- Designed and automated interactive Metabase dashboards and alerts that accelerated the identification of core customer needs by 60%, leading to more effective marketing, and reduced operational costs by 75% by proactively identifying and resolving bottlenecks in business operations.
- Contributed to a cross-functional initiative to understand customer savings behaviours by designing key data reports, conducting field surveys with 100+ customers, and analysing patterns and barriers; providing insights to inform targeted interventions to boost customer engagement.

**Data Analyst**  
**EXPAAT**

Feb 2024 – Mar 2025  
Remote

- Analysed and interpreted data to provide insights and support decision-making.
- Developed and maintained data models and dashboards to track key performance indicators.
- Collaborated with cross-functional teams to identify data-driven solutions and improve business processes.

**Medical and Scientific Research Personnel**  
**UNIVERSITY OF GHANA MEDICAL CENTER**

October 2021 – February 2023  
Legon, Accra

- Designed and managed patient surveys, analysed data, and provided actionable insights to enhance patient care and satisfaction.
- Conducted literature reviews and synthesized research findings to contribute to the development and execution of key research initiatives.
- Played a key role in coordinating and delivering AIDET training programs, contributing to improved communication and stronger staff-patient relationships in healthcare settings.
- Actively contributed to awareness campaigns and health screenings organized in collaboration with the Thyroid Ghana Foundation and healthcare teams, helping to engage and educate the community effectively.

## **TECHNICAL SKILLS**

### **BI Tools:**

Power BI, Tableau, Metabase

### **Programming:**

Python, SQL

### **Cloud Computing:**

Amazon Web Services (AWS)

**Other Tools:** Microsoft Excel, Google Sheets, Google Colab, Jupyter Notebook, VS Code, PgAdmin, Visual Studio.