

# Paulyn Asiamah Boakye

*Data Analyst*

## Professional Summary

Highly motivated and results-driven **Data Analyst** (23) with a Bachelor's degree from KNUST, Ghana, and comprehensive training in data visualization and business intelligence. Proven proficiency in **SQL Analysis**, **Power BI**, and advanced **Excel** functions, gained through two intense industry-focused certification programs (Tech4Dev and Industry Immersion Africa). Eager to leverage strong analytical and technical skills to transform complex datasets into actionable business insights and drive data-informed decisions.

## Education

2019–2023 **Bachelor's Degree**, *Kwame Nkrumah University of Science and Technology (KNUST)*, Kumasi, Ghana

## Certifications and Professional Training

**Data Analysis and Business Intelligence Program** – (May 2023- Sept 2023)

INDUSTRY IMMERSION AFRICA, VIRTUAL/ACCRA

An intensive, project-based program focused on end-to-end data analysis workflows and business application.

- Developed strong foundational knowledge in **Business Analytics** and data modeling.
- Executed multiple project works demonstrating proficiency in **Power BI** for interactive dashboards.
- Explored strategies for leveraging data insights to influence business strategy.

**Data Analysis and Visualization Certification** (Dec 2023- Feb 2024)

WOMEN TECHSTERS TECH4DEV

Focused on specialized tools and techniques for in-depth data exploration and reporting.

- Mastered **SQL** for complex data querying, manipulation, and analysis.
- Gained expertise in creating professional data visualizations using **Power BI**.
- Applied advanced **Excel formats and formulas** for efficient data preparation and reporting.

## Technical Skills

- Data Analysis & BI Tools: Power BI (Advanced), Microsoft Excel (Pivot Tables, VLOOKUP, Macros)
- Core Competencies: Data Cleaning, Data Storytelling, KPI Tracking, Analytical Problem-solving
- IT Literacy & Productivity: SQL (Intermediate), Cybersecurity Awareness, AI automated tools

## Analytical and Transferable Experience

Training **Business Analytics Reporting Suite**

- Project
- Designed and implemented interactive dashboards using **Power BI** to track key performance indicators (KPIs) and sales metrics.
  - Focused on data cleaning, transformation, and maintaining data quality across various project datasets.

IT Research

**Security Threats and AI Automation**

- Conducted detailed analysis on modern security threats (e.g., **IP threats and data leaks**) relevant to data governance.
- Developed proposals outlining the application of **AI automated tools** to enhance system security and overall organizational productivity.