

Stephen Manu-Adjei

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EDUCATION

M.Sc. E-GOVERNMENT

University of Koblenz

- 2023 - PRESENT

B.Sc. COMPUTER SCIENCE

Ghana Institute of Management and Public Administration

- 2013 – 2017

CERTIFICATIONS

- *Complete AI and Machine Learning, Data Science Bootcamp:* Udemy
- *Become a Data Analyst:* Udemy
- *Complete Web Developer:* Udemy
- *Air Traffic Control and Operations:* Ghana Airforce Aviation College
- *Aviation Security:* Ghana Civil Aviation Authority

INTEREST

- Determined to pursue a career in the dynamic and constantly evolving field of big data analytics, where I can utilize my passion for data and problem-solving to drive meaningful results and advancements.

LANGUAGE

- English: Fluency Level
- German: Beginner Level

SOFT SKILLS

Work Ethics, Time Management, Adaptability, Problem solving, Critical thinking and Strong communication, Storytelling

EXPERIENCE

Ghana AirForce

Associate IT Officer 2019- 2023

- Spearheaded critical IT tasks in a high-pressure military environment
- Implemented and enforced IATA/ICAO security protocols across airport operations.
- Conducted regular security assessment and risk analysis reports

Cal Bank

Data Analyst 2018-2019

- Analyzed financial transaction data to identify trends and improve operational efficiency.
- Developed interactive dashboards in Power BI to present financial metrics to management.

Environmental Protection Agency

- **Assistance IT Officer 2017-2018**
- Used BeautifulSoup to scrape e-waste data from the WHO, UNEP websites and stored them into a local database.
- Gained Knowledge with combining SQL and Python
- Used Power BI to visually analyze the data and statistics along with interactive UI

PROJECT

Hotel Booking Analysis

- This project focuses on analyzing hotel booking data to uncover actionable insights that can drive strategic decisions for optimizing bookings, enhancing customer satisfaction, and maximizing revenue.
- *Libraries:* Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Predicting Heart Disease Using Machine Learning

Visualizations

- *Correlation Heatmap:* Displaying feature relationships, which is critical in understanding how attributes contribute to heart disease risk.
- *Confusion Matrix:* Demonstrating model performance with a clear breakdown of true positives, false positives, etc.
- *ROC Curve:* Showing the trade-off between true positive rate and false positive rate across different thresholds.

TECHNICAL SKILLS

Data Analysis: Microsoft Excel, SQL, Python

Data Visualization: PowerBI, Microsoft Excel, Python

Database: MySQL, PostgreSQL

Project Management: OpenProject, Jira