

Ademola Abraham

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Address: Offa-garage, Ilorin, Kwara state, Nigeria

Key Skills

Python

Libraries: Pandas, NumPy, Matplotlib

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP

TableauTools: Dashboard development, KPIs, AD
HOC analysis

Projects/Experience

Demonstrating a proven track record of success in a data analysis and project management as an aspiring Health Information Analyst, I have consistently delivered impactful solutions and contributed to organizational objectives. Below are highlights of my key accomplishments and contributions throughout my career;

- ❖ **Breast Cancer Data Analysis and Visualization Project**
 - I conducted a comprehensive data analysis on a breast cancer dataset using Python, performing data cleaning, exploratory data analysis and advanced data querying techniques to extract meaningful insights.
 - I utilized Tableau to create an interactive and visually compelling visualization, facilitating a clear interpretation of complex breast cancer data trends and patterns for stakeholders.
 - I applied Python programming skills to manipulate and preprocess diverse dataset features including year, diagnosis, metastasis, age, menopause, medical history and tumor characteristics.
- ❖ **Healthcare Data Analysis and Visualization Project**
 - I performed exploratory data analysis (EDA) and data querying to uncover trends and patterns in the healthcare dataset, including admission dates, patient demographics, diagnoses and medication.
 - I conducted ad hoc analysis and visualization on the dataset, enabling informed decision-making and process improvement.
 - I demonstrated my capability to work with diverse healthcare data, including admission types, patient demographics and medical histories, contributing to enhanced patient care and operational efficiency.
- ❖ **World Population Dataset Analysis and Visualization with Excel**
 - I analyzed healthcare related data within a world population dataset, including population density and land area occupied by countries, to inform healthcare resource allocation and planning.
 - I extracted and presented insights from large dataset, such as top 10 most populated countries, to inform strategic healthcare interventions and policies.
 - I leveraged Excel for healthcare data visualization, effectively communicating findings to stakeholders and facilitating data driven discussions to address global health challenges.

Main services I can offer with my skills

- A. **Data collection and processing:** I can collect and compile data from various sources, ensuring data accuracy and completeness and also cleanse and preprocess data to prepare it for analysis.
 - B. **Data analysis:** I can perform exploratory data analysis to identify trends, patterns and outliers. Develop and implement statistical models to extract meaningful insights from large datasets.
 - C. **Data query:** I can request for information from a database management system and can also retrieve data or change information in a database, such as adding or removing data.
 - D. **Reporting and Visualization:** I can create and maintain dashboard and report to communicate key performance indicators and metrics. Collaborate with cross-functional teams to present finding and recommendations.
 - E. **Data quality assurance:** I can implement and maintain data quality standard and procedures. I can also monitor and address data discrepancies or anomalies.
 - F. **Business intelligence:** I can provide actionable insight support planning and decision making.
 - G. **Collaboration:** I can work closely with other department to understand their data needs and provide relevant insights.
- ❖ I can also perform other Additional services such as coding and billing support, risk management, Data Entry, Administrative support, Project Coordination ETC.

Education/Certification

- High school Diploma
- Currently a student of University of Ilorin, B.Sc. Physiology, Nigeria
- Attended data analysis bootcamp and did courses on data analysis

Additional Skills

- Data Analysis
- Database Management
- Critical Thinking
- Domain knowledge
- Verbal communication
- Statistical knowledge
- Typing Speed and Accuracy
- Medical terminology
- Healthcare Compliance
- Decision making
- Organizational and time management
- Problem solving
- Mathematical skill
- Electronic Health Records (EHR)
- Healthcare Information Systems
- Computer and technical skills (including software knowledge)
- Information security
- Data Entry

Summary

As an analytically driven health information analyst proficient in Python, Tableau and Excel. Leveraging advanced data manipulation and visualization skills, I excel in translating complex healthcare data into actionable insights for informed decision making and strategic planning.

I also possess extensive expertise in medical terminology, including Anatomy, Physiology, Pathophysiology and Clinical applications, making I equipped to be able to provide valuable insights and analysis as a health information analyst. This comprehensive knowledge enhances my ability to understand and interpret healthcare data effectively, ultimately contributing to informed decision making and optimal patient care outcomes.