Data Analyst/ Health Information Analyst

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Ademola Abraham

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Key Skills

Python
Libraries: Pandas, NumPy, Matplotlib

Excel
Tools: Pivot Table, Pivot Chart, VLOOKUP

Tableau
Tools: Dashboard development, KPIs, AD HOC analysis

Projects/Experience

As an Entry Level Analyst, I've worked on real-world projects to showcase my skills that I'm capable and fit for the job role. Here are the projects I've worked on;

- ❖ Breast Cancer Dataset Analysis with Python
  - Utilized python to work on a Breast cancer dataset by cleaning the dataset, removing null and wrong values from the dataset.
  - Perform Exploratory analysis on the dataset by visualizing the data like the relationship of age with Diagnosis result of the breast cancer and got some useful insights from my analysis.
  - Did some Data query using python to answer questions and solve problems about the breast cancer dataset.
  - Also manipulated the data using Python to add a new column to the dataset called Age group to make the dataset easier to understand.
- ❖ Healthcare Dataset Visualization with Tableau
  - Used Tableau to visualize a healthcare dataset by creating an interactive dashboard to analyze patient data to identify areas for improvement and reduce hospital readmission rates.
  - Used the Time series of the dataset to create a monthly report on the number of patients admitted that month and the test results and medications offered to the patients.
  - Conducted ad hoc analysis and reporting as needed to support business decision, providing key insights.
- ❖ World Population Dataset Analysis and Visualization with Excel
  - Made use of excel to process and prepare down a world population dataset for analysis by removing duplicate rows and cleaning null and wrong value from the dataset.
  - Summarized the large dataset in an interactive way using pivot table to analyze numerical data and answer unanticipated questions about the data.
  - Created a dashboard report to represent key performance indicators and relevant data in a visual and interactive way for clients to understand the data better.

Services I can offer with my skills

A. Data collection and processing: 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: 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: 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: 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: can implement and maintain data quality standard and procedures. Can also monitor and address data discrepancies or anomalies.
F. Business intelligence: can provide actionable insight support planning and decision making.
G. Collaboration: can work closely with other department to understand their data needs and provide relevant insights.

Education/Certification

- High school Diploma
- Currently a student of University of Ilorin, Physiology department, Nigeria
- Attended data analysis bootcamp and did online course on data analysis

Additional Skills

- Domain knowledge
- Verbal communication

- Organizational and time management

- Computer and technical skills (including software knowledge)

- Statistical knowledge
- Problem solving
- Information security