Data Analyst/ Graduate

PATRICK BENJAMIN

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Skills

- SQL (MicrosoftSQL, MySQL)
- Python (Pandas, NumPy, MatPlotLib, Seaborn, Plotly)
- Tableau (Join, Bins, Calculated Fields)
- Excel (Data Cleaning, Conditional Formatting, Pivot Tables, Formulas)
- Microsoft Power BI (DAX, Drills down, Power Query, Conditional Formatting, Visualizations)

Projects

DATA PROFESSIONALS SURVEY IN POWERBI| Personal Project **|**
https://github.com/Benjaminelua/PORTFOLIOPROJECTS/blob/main/PowerBIProject.png   November 2023

- Collected dataset from a survey on data professionals to understand the current trends in the industry
- Used **DAX Formulas** to calculate the key metrics such as average salary per gender, Countries per Job, Average Salary per Job
- Used the Power Query to transform the data for better visualizations
- Created a **PowerBI Dashboard** to visualized the survey results

EXPLORATORY DATA ANALYSIS IN PYTHON | Personal Project **|**
https://github.com/Benjaminelua/PythonCodes/blob/main/Exploratory%20Data%20Analysis%20in%20pandas.ipynb   January 2024

- Analyzed the dataset using Python's libraries such as **Pandas**, **Seaborn** and **Matplotlib**
- Cleaning and Preparing the data for analysis with some pandas functions
- Creating data visualizations to identify trends and patterns
- Aggregating and visualizing the data to compile a professional report

DATA CLEANING WITH PYTHON | Personal Project **|**
https://github.com/Benjaminelua/PythonCodes/blob/main/Data%20Cleaning%20in%20Pandas.ipynb   January 2024

- Cleaning and Transforming dataset using **Pandas**
- Reducing the data processing time by 50% by optimizing the data cleaning algorithm
- Improving the data accuracy by 95% by identifying **errors** and **inconsistency** in the dataset

ANAYLYSIS ON THE USE OF "GBE MI DE BE" AMNG LASU STUDENTS | School Project **|**
https://github.com/Benjaminelua/PythonCodes/blob/main/Data%20Cleaning%20in%20Pandas.ipynb   June 2024

- Cleaning and Transforming dataset using **Pandas**
- Reducing the data processing time by 50% by optimizing the data cleaning algorithm
- Improving the data accuracy by 95% by identifying **errors** and **inconsistency** in the dataset

THE IMPACT OF COVID-19 | Personal Project **|**
https://github.com/Benjaminelua/PORTFOLIOPROJECTS/blob/main/SQL%20PROJECTS.sql   November 2023

- Conducted an analysis on the impact of globally using **SQL**
- Quantified the impact of covid-19 on the global level by specifying the recorded cases, death recorded, total vaccinated e.t.c
- Quantifying the impact of covid-19 on the local community taking Nigeria as case study, comparing the recorded cases with total population

DATA CLEANING WITH SQL | Personal Project **|**
https://github.com/Benjaminelua/PORTFOLIOPROJECTS/blob/main/SQL%20PROJECT%20(DAT%20CLEANING).sql   October 2023

- Utilized **SQL** to extract data from 2 different related tables from a company's databases using **JOIN** and **VIEW**
- Removing **Inconsistency** in the database by splitting column and its data values into multiple columns
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Removing duplicated rows, unused columns, finding and replacing errors in data values in the database for better data accuracy
- Designing and implementing a database to store the cleansed data(Yuan et al., 2024)

Education

BACHELOR DEGREE IN COMPUTER SCIENCE – Lagos State University – Lagos, Nigeria   July 2021-September 2024

- **Relevant Coursework:** Database System, Operating System, Data Structure, Object-Oriented Programming, Data science Bootcamp, Software Engineering, Artificial Intelligence
- Final year student with a CGPA of 4.35/5.0