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# Skills

* SQL (MicrosoftSQL, MySQL)
* Python (Pandas, NumPy, MatPlotLib)
* 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

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

# Education

Bachelor degree in computer science – Lagos State University – Lagos, Nigeria July 2021-Till Date

* **Relevant Coursework:** Database System, Operating System, Data Structure, Object-Oriented Programming
* Final year student with a CGPA of 4.38/5.0