

Skills

- SQL (MS SQL Server, PostgreSQL)
- Python (Pandas, NumPy, Matplotlib)
- Excel (XLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI (Power Query, DAX, Charts and Tables, Insightful dashboard)
- Tableau
- Collaboration and Team working
- Microsoft PowerPoint (Data reporting, Informative Presentation, Insightful reports, Recommendation)

Projects

DATA ANALYSIS WITH PYTHON – [Personal Project](#)

July 2024

- Developed **data visualizations** to communicate insights
- Created **Plots** and **Charts** to communicate insights
- Utilized data manipulation and analysis libraries (**Pandas, NumPy**)
- Conducted data analysis using **Pandas, NumPy**, and **Matplotlib**
- Employed **Pandas' groupby and aggregation** functions for data insights
- Performed **Data cleaning**
- **Merged, joined and concatenated** data from multiple sources
- Used control structures (**if-elif-else, loops**) for dynamic data handling
- Applied **indexing** techniques for data selection
- Read and processed data from various file formats (CSV, Excel)
- Implemented **web scraping** techniques to extract data from websites

COVID DEATHS AND VACCINATIONS – [Personal Project](#)

April 2024

- Utilized **SQL** to extract data from 2 different related tables from covid pandemic datasets using **JOIN**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Analyzed and compared total cases, total deaths and vaccination progress across various geographic locations, helping to understand the distribution and severity of the COVID-19 pandemic globally, by continent, and by individual countries.

ONLINE SALES PERFORMANCE SURVEY– [Personal Project](#)

April 2024

Utilized **SQL** queries to provide insights into the sales performance across different dimensions:

- Total units sold and total revenue
- Revenue distribution across product categories and regions
- Most purchased product categories in specific regions
- Most used payment methods and their contribution to total revenue

NASHVILLE HOUSING DATA CLEANING – [Personal Project](#)

May 2024

Performed a data cleaning process on **SQL** to prepare the data for further analysis or reporting, ensuring it is accurate, reliable, standardized, and structured appropriately for its intended use.

- Ensured dates are formatted consistently
- Populated missing address data and split address fields into individual components
- Replaced acronym values with full words for clarity
- Deleted unnecessary columns and rename columns as needed

HEART FAILURE PATIENTS CLINICAL RECORD SURVEY – [Personal Project](#)

May 2024

- Created a dashboard with **Power BI** that shows the analysis of medical records of 5,000 patients who had heart failure with similar clinical records
- Transformed and processed data by using **DAX** and **Excel** to ensure data completeness and validity
- Analyzed and compared the Total cases, Death count and Average death rate across various clinical features, providing insights on the survival of the Heart failure patients based on Age, Gender and several clinical features

RETAIL STORE SALES AND PROFIT – [Personal Project](#)

May 2024

- Developed a **dashboard** with **Power BI** to visualize and analyze sales performance across multiple regions, providing real-time insights into revenue trends and product category contributions
- Manipulated and cleaned the data by using **Power query** to ensure data accuracy and reliability
- Uncovered sales performance insights across various dimensions

STUDENTS PERFORMANCE SURVEY – [Personal Project on Excel](#) and [Power BI](#)

May 2024

- I analyzed a dataset of 1,000 student performance records from Kaggle, using **Excel and Power BI** to build informative insights
- Using the **Power Query** on Power BI and **Excel Data cleaning and Transformation Tools**, I cleaned the data by **removing duplicates and irrelevant columns**. I standardized and trimmed the data using the **Proper and Trim functions**
- I employed DAX in Power BI to develop measures for calculations and student grading, while utilized the **IF and SUM functions** in Excel.
- Developed an informative **dashboard** on student performance across various dimensions using Excel and Power BI.

LIVES SAVED BY VACCINES AROUND THE WORLD, 2024 – [Personal Project](#)

June 2024

- Used **Power BI** to create a compelling and informative visualization of the impact of vaccines on saving lives globally
- Transformed and processed the data using **Power Query, DAX and Excel** to make final adjustments and ensure data integrity, completeness and accuracy.
- Uncovered key insights, such as regions with the highest number of lives saved and the total lives by vaccines for each disease

ANALYSIS ON BIKE PURCHASES FOR A BIKE-SELLING COMPANY – [Personal Project](#)

June 2024

- I used **Excel** to analyze and create a **dashboard** that shows the distribution of bike purchases for a bike-selling company based on Age, Gender, Region, Education and Commute distance
- Cleaned and transformed the data provided. I used the **IF statement** to categorize customer ages into groups.
- Employed **Pivot tables** to compare the data across different categories

EFFECT OF TRANSPORTATION METHODS ON THE PRODUCTIVITY – [Student Client's Project](#) OF CROP FARMERS IN KWARA STATE, NIGERIA

September 2023

- Utilized **Excel** to analyze the data provided by the client
- Cleaned and transformed the data provided
- Employed **Pivot tables** to conduct descriptive statistics and analyze Likert scale responses
- Applied **Excel** regression tools to examine the effect of several factors on the productivity of the crop farmers

Work Experience

DATA ANALYTICS INTERN - [Tata group](#) – India

July 2024

- Completed a simulation involving **creating data visualizations** for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with **effective decision making**

DATA ANALYTICS INTERN - Accenture North America – New York City, United States

July 2024

- Completed a simulation focused on advising a **hypothetical clarity on** social media client as a Data Analyst at Accenture
- Cleaned, modelled and analysed **7 datasets** to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to **communicate key insights** for the client and internal stakeholders

Education

BACHELOR OF SCIENCE IN AGRICULTURE – University of Ilorin – Ilorin, Nigeria
Majors: Agricultural Economics and Farm Management

October 2023