

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib, Seaborn)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- Git
- Microsoft Power BI

Projects

CHURN ANALYSIS EDA AND PREDICTION MODEL – Personal Project

- Utilized **Python** to analyze 10000 bank customers and gain insights on why people churn and how the bank can increase retention.
- Conducted extensive analysis: Performed **EDA** on bank customer churn data, identifying key factors associated with churn. Utilized visualizations to understand data distribution and feature relationships.
- Developed predictive models: Built and evaluated machine learning models, achieving **87% accuracy** and **0.52 kappa score**.
- Provided actionable insights: Identified influential features and recommended strategies to reduce churn and improve retention.

BANK CHURN ANALYSIS DASHBOARD – Virtual Client's Project – Philadelphia, PA

- Created a dashboard with **Power Bi** that visualized layoffs on tech companies during the pandemic
- Transformed and cleaned data **Python**, **DAX** and **Excel** to ensure data completeness and validity.
- Utilized Power BI to examine and visualize data on companies, industries and regions during the pandemic.
- Developed interactive Power BI dashboards to present key insights and trends in tech layoffs, facilitating data-driven decision-making.

DATA CLEANING ON FIFA 21 DATASET – Personal Project

- Completed FIFA 21 data cleaning project: Successfully cleaned and prepared FIFA 21 player dataset for analysis, employing **Python** and **Jupyter Notebook**.
- Demonstrated expertise in formatting entries, removing irrelevant columns, and resolving data inconsistencies.
- Improved dataset integrity by resolving formatting issues, resulting in a clean and ready-to-use dataset for analysis.

CUSTOMER SALES ANALYSIS – Personal Project

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

Work Experience

AERONAUTICAL INFORMATION SERVICES INTERN – Nigerian Airspace Management Agency – Port-Harcourt, Nigeria March 2022 – September 2022

- Conducted data collection and prepared datasets for statistical analysis, ensuring accuracy and completeness.
- Analysed data on airline and passenger traffic information, predicting busy days and speculator causation of traffic increase or decrease.
- Collaborated with various teams to understand complex datasets and notices from various aerodromes across the nation.
- Assisted in the distribution of NOTAMs and flight plans across various departments to ensure the flow of information properly.

Education

BACHELOR OF SCIENCE IN GEOGRAPHY – Rivers State University – Port-Harcourt, Nigeria Majors: Geographical Information Systems, Cartography and Environmental Management

December 2022