

# IRIPIA EBUARA

## Skills

- SQL
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Power BI
- Python (Pandas, NumPy, Matplotlib)
- Statistical Analysis
- Data Cleaning & Manipulation
- Problem-solving & Critical Thinking
- Report Generation
- Effective Communication & Collaboration
- Adaptability & Quick Learning
- Data Analysis & Visualization

## Work Experience

**VOLUNTEER DATA ANALYST** – The Orange Tables – Calabar, PA December 2023 - Present

- Analyzed a longitudinal dataset spanning 17 years with 40,000+ annual responses using Python, Pandas, Matplotlib, and Power BI to uncover demographic drivers of domestic violence perception.
- Developed interactive Power BI visualizations allowing stakeholders to analyze 17 years of data, improving tracking efficiency by 40%.
- Provided comprehensive reports and data-driven recommendations that guided the reshaping of 5 community outreach programs, receiving praise from 3 partner organizations.

**DATA VISUALIZATION ASSOCIATE (INTERNSHIP)** – Excelerate – Virtual June 2024 – July 2024

- Successfully completed Data Analyst Associate Internship, showcasing proficiency in data analysis, statistical interpretation, and problem-solving in a collaborative team environment.
- Developed comprehensive prototypes and reports documenting data cleaning methods, resulting in a 25% improvement in data quality and analysis efficiency.
- Created interactive dashboard reports highlighting key findings, which were utilized to drive an increase in user engagement and platform growth.
- Achieved a score of 263 out of 300 in Critical Thinking assessment, demonstrating strong analytical capabilities and problem-solving skills.

**DATA ANALYSIS CONSULTANT** – (Freelance Project)– Remote August 2023

- Analyzed multi-year datasets spanning over 50,000 data points on streaming numbers and social media engagement metrics across multiple platforms for various artists.
- Utilized SQL, Python, and data visualization tools to uncover geographic audience distribution patterns, identifying high-potential markets with up to 35% higher engagement than average.
- Developed interactive dashboards enabling clients to visualize audience demographics, leading to a 20% increase in targeted promotional strategies' effectiveness.
- Provided recommendations that directly influenced clients' financial strategies and budget allocations.

**FREELANCE DATA ENTRY SPECIALIST** – Virtual March 2022 – Present

- Conducted an average of 11 web research projects per month, delivering comprehensive results with 98% accuracy.
- Processed over 500 documents and datasets using Excel and Google Sheets, maintaining a 99.5% data entry accuracy rate.
- Completed 47 file conversions with 100% success rate, and improving client satisfaction.

## Personal Projects

**CUSTOMER CHURN ANALYSIS** – Personal Project October 2023

- Analyzed a dataset of 1,333 customer records using SQL to uncover usage patterns influencing churn likelihood across

demographics and identify factors influencing customer retention.

- Utilized subqueries, aggregate functions, and statistical techniques to calculate churn probability at 16.14%.
- Identified key segments like age group of 45-54 having a higher churn risk of 19.35%, enabling targeted retention strategies.

#### **DATA PROFESSIONALS SURVEY ANALYSIS** – Personal Project

October 2023

- Cleaned and prepared survey data from 630 data professionals for analysis using Power BI, handling missing values and formatting.
- Developed interactive Power BI dashboard visualizing insights such as 42.06% salary dissatisfaction and Python as the preferred language across data roles.
- Provided data-driven recommendations for compensation reviews, management feedback channels, and upskilling initiatives.

#### **ROAD ACCIDENT ANALYSIS** – Personal Project

June 2023

- Analyzed dataset of 417,882 road accident records across UK using advanced Excel features for data cleaning and processing.
- Developed interactive Excel dashboard identifying high-risk areas like single carriageways (74.11% of casualties) and urban locations (61% of casualties).
- Provided data-driven recommendations for infrastructure upgrades in high-accident areas and seasonal safety campaigns based on casualty patterns.

### **Education**

**BACHELOR OF LAWS – University of Calabar – Calabar, Nigeria**

**August 2021 – Present**

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- Developed strong analytical and critical thinking skills applicable to data-driven decision making.
  - Honed research and communication abilities valuable in presenting complex data insights.

### **Certifications**

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- Associate Data Analyst – DataCamp
  - Data Analyst in SQL – DataCamp
  - Data Analytics Bootcamp – Alex Freberg

Continuously expanding data analysis skills through self-directed learning and practical application in professional projects.