EMMANUELLA AKUIRENE

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CORE SKILLS

• **Languages & Tools**: SQL (MySQL, SQL Server), Python (Pandas, BeautifulSoup), Excel (VLOOKUP, PivotTables, Conditional Formatting)

• **Data Visualization & BI:** Tableau, Power BI, Excel Charts, Business Intelligence Reporting

• **Data Engineering**: Microsoft Azure (Databricks, Data Lake, Data Warehouse), ETL processes, data integration

• **Expertise**: Data cleaning, **data transformation**, data mining, dashboard design, statistical analysis, trend forecasting

PROJECTS

LAYOFFS DATA CLEANING PROJECT – Personal Project – Remote   January 2025

- Designed staging tables, performed **data transformation** and cleaning, removed duplicates, and standardized fields in **MySQL**
- Created an ETL workflow to prepare datasets for business intelligence dashboards

AIRBNB PUBLIC LISTINGS DASHBOARD – Personal Project – Remote   January 2025

- Cleaned and prepared dataset for statistical and profitability analysis using **Excel**
- Built dashboards for **business intelligence** reporting on pricing trends and location profitability with **Tableau**

DATA SCRAPING PROJECT – Personal Project – Remote   February 2025

- Utilized **Python**'s requests and **BeautifulSoup** libraries to Performed web scraping to collect structured tabular data
- Applied **data mining** techniques to extract business insights from company revenue data

BIKE BUYERS' DATA ANALYSIS – Personal Project – Remote   March 2025

- Standardized and transformed data for statistical modeling in **Excel**
- Conducted pivot table analysis revealing purchase drivers and developed an interactive dashboard for BI insights

WORK EXPERIENCE

COMPUTER TRAINER – Top Class Business Center **–** Warri, Delta state   June 2024 – July 2024

- Delivered practical Excel and data management training to over **10 learners**, covering formulas, PivotTables, and data visualization
- Created tailored Excel templates and exercises to teach effective data entry, organization, and reporting
- Improved trainees' data handling skills, with post-training assessments showing **85%+ competency improvement**

ENGINEERING INTERN (PRODUCTION & DATA ANALYSIS) – FCT Water Board – Abuja, FCT   March 2022 - September 2022

- Collected, logged, and validated daily production and water quality data from treatment plants serving over **3 million residents**
- Developed and maintained **ETL**-style data tracking sheets to monitor operational performance metrics (flow rates, chemical usage, turbidity levels)
- Analyzed production trends to identify process inefficiencies and assisted in preparing weekly performance reports for engineering supervisors
- Supported the development of data-driven maintenance schedules by correlating operational data with equipment performance logs

EDUCATION

BACHELOR OF ENGINEERING IN CHEMICAL ENGINEERING – Covenant University – Ota, Ogun state
Expected October 2025

Relevant coursework: Process Optimization, Statistical Analysis, MATLAB, Python