**Angela Okafor**

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**Data Analyst/Database Administrator**

**CAREER SUMMARY:**

An entry-level Data Analyst with practical experience in data cleaning, data modelling, writing SQL queries, query optimization, data visualization and reporting through hands-on projects and training. A proactive, detail-oriented individual with a strong analytical mindset, eager to contribute value to an organisation through data-driven and insightful analysis while remaining committed to continuous professional development.

**SKILLS**

* Microsoft Excel
* Microsoft Power BI
* Python (Basic)
* SQL (SQL Server, PostgreSQL, MySQL, Snowflake)
* Google Cloud Analytics (Basic)

**PROJECTS**

**Superstore Database EDA – 3MTT Excel Capstone Project** July, 2025

* Utilized **Microsoft Excel** to conduct an in-depth Exploratory Data Analysis (EDA) to identify sales trends, highlight inefficiencies, and uncover business opportunities for revenue and operational optimization.
* Cleaned and transformed raw data for analysis using Excel formulas, functions and structured references.
* Used **IFERROR** and **VLOOKUP** functions to merge multiple worksheets into a comprehensive dataset and fill empty cells with applicable values for easy comprehension of the column.
* Built an interactive dashboard featuring **Timeline**, **Slicers**, **Cards** and **Charts** for filtering and visualizing data.
* Extracted actionable insights and delivered business recommendations to support strategic business decisions

**Health Care Analysis – 3MTT Power BI Project** July, 2025

* Developed an interactive **Power BI** dashboard to provide hospital management with data-driven insights on patient demographics, diagnoses, comorbidities, and care outcomes, enabling better decision-making for healthcare delivery.
* Imported and transformed patient records using **DAX** and **Excel** to ensure data completeness.
* Built data models to link patient demographics, diagnoses, and treatment outcomes.
* Delivered insights into patient flow, care quality, and satisfaction.

**HR Data Analytics Dashboard – 3MTT Power BI Project** July, 2025

* Designed a dashboard using **Power BI** to analyze job satisfaction, income levels, attrition, and education field distribution.
* Performed necessary data cleaning and transformations using **Power Query** to ensure data validity before analysis.
* Applied **DAX** measures to calculate key KPIs (attrition rate, performance rating, income distributions).

**Titanic Survival Analysis – 3MTT Python Project** July, 2025

* Utilized **Python** to analyze the Titanic Dataset to gain insight into passengers’ survival status and different factors that may have influenced their survival.
* Cleaned and transformed the dataset, handling missing values and duplicate values.
* Debugged errors so that codes run efficiently.
* Aggregated and visualized the data by using **pandas, matplotlib** and **seaborn** to compile a standard report.

**Testing Database Analysis – 3MTT SQL Capstone Project** June, 2025

* Utilized **SQL** queries to explore customer demographics, purchasing patterns, and supplier relationships.
* Wrote optimized SQL queries using JOINS, GROUP BY, aggregate functions, filtering and indexing for faster execution.
* Designed CTEs (Common Table Expressions) to simplify complex queries.
* Applied CASE statements to categorize product availability and supplier language support.
* Delivered insights to strengthen customer engagement and loyalty strategies.

**EDUCATION**

Bachelor of Arts in French Language – University of Ilorin, Nigeria. July, 2012