

CHINELO NWEKE
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SUMMARY

Dynamic and results-driven Data Analyst with over two years of experience in data modeling, analysis, and visualization. Skilled in developing robust data models, creating insightful reports and dashboards, and collaborating closely with business users to drive data-driven decision-making. Proficient in utilizing statistical analysis and business knowledge to identify trends and optimize business processes. Adept at supporting data visualization tools like Power BI, with a proven track record of enhancing data accessibility and operational efficiency.

SKILLS

- **Programming Languages:** SQL, Python
 - **Databases:** MS SQL Server
 - **BI & Visualization Tools:** Power BI, Seaborn, MS Excel.
 - **Data Tools:** dbt, ETL
 - **Reporting & Presentation:** PowerPoint, Excel
 - **Data Modeling:** Building data models for analysis and reporting, Data structure creation, ML Models, NLP, Computer Vision, AI.
 - **Soft Skills:** Team Collaboration, Advanced Communication Skills, Critical Thinking, Flexibility and Adaptability.
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PROFESSIONAL EXPERIENCE

Splendor Analytics, Data Analyst

January 2022 – July 2024

- **Data Modeling:** Developed and maintained data models to streamline data analysis and reporting processes, improving data accessibility by 40%.
- **Report Creation & Visualization:** Designed interactive Power BI dashboards that enhanced data-driven decision-making for marketing projects, resulting in a 15% increase in sales revenue. Conducted complex SQL queries for in-depth data analysis.
- **Collaboration with Business Users:** Engaged with cross-functional teams to understand data needs and create visualizations that addressed business challenges, contributing to a 10% market share growth.

Smaray Eye Clinic Healthcare Analyst

March 2018 – October 2020

- Analyzed patient data to identify trends and patterns, leading to the development of targeted treatment plans and a 15% increase in patient satisfaction.
 - Used Excel to track and optimize clinic operations, resulting in a 10% reduction in wait times and a 20% increase in operational efficiency.
 - Identified areas of cost savings through data analysis, leading to a 5% reduction in overhead costs.
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PROJECTS

Hospital Daily Log Analysis

August 2024

- Cleaned and analyzed hospital daily log data using Excel and addressed the primary causes of surgical delays, reducing average delay times by 15-20%, and improving overall surgical efficiency.
- Designed detailed dashboards using power BI which provided actionable insights that enabled hospital administrators to make informed decisions, potentially reducing the frequency of delays by up to 25% on the busiest days.

Customer Basket Market Analysis

April 2023

- Developed data models to analyze 30,001 transactional rows using SQL, identifying frequent itemsets and generating association rules. Enhanced inventory management efficiency by 20%.

Marketing Campaign Analysis

November 2022

- Designed Power BI dashboards based on a dataset of 37,542 rows, improving data visualization efficiency by 25%. Conducted statistical analysis to boost data integrity by 15%.

Car Insurance Analysis

March 2024

- Analyzed demographic and campaign performance data, improving customer targeting and conversion rates by 15% through data-driven insights.

EDUCATION

Kwame Nkrumah University of Science and Technology
Doctor of Optometry, May 2015