NGOZI OKOROAFOR

DATA ANALYST

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SKILLS

Python, MySQL, MS SQL

Excel, Power BI, Tableau

HTML, CSS

Project management

Adaptability

Teamwork

INTERESTS

Big Data

Business

Psychology

PROJECTS

Sales Insights – Brick & Motor Business [Power BI | SQL]

- Created a Power BI dashboard to analyze sales trend for AlitQ hardware products.
- The resulting dashboard provided a clear and informative representation of the sales data, enabling users to make informed, data-driven decisions.
- The implementation of the dashboard has the potential to drive a 7% increase in revenue in the upcomingquarter.

T20 World Cup Cricket Data Analytics – Cricket Analytics [Python | Web Scraping | Pandas | Tableau]

- Used Brightdata website tool to scrape data from ESPN cricinfo and then transformed and evaluated the data using pandas to create a Tableau report for identifying the top 11 players for a T20 cricket team.
- The dashboard was utilized to select top players across various categories and finalize the top 11 players for the match.
- The selected team has a 90% chance of winning the game based on the dashboard's analysis.

WORK EXPERIENCE

Engineering Intern   Jul, 2021 – March, 2022

Cathodic Corrosion Technology Limited

- Utilized data-driven insights to conduct an analysis of equipment rental market trends and present recommendations to corporate stakeholders, resulting in a 15% increase in demand for rentals and a boost in revenue within 6 months.
- Leveraged historical data on customer preferences and buying patterns to develop targeted marketing strategies and increase sales by 20% within a 3-month period.
- Conducted data analysis on production data to identify areas for improvement and inform process optimization efforts, resulting in a 10% increase in efficiency and a 5% reduction in waste.

Engineering Trainee

Nigerian Liquefied Natural Gas, Bonny   Jun, 2019 – Dec, 2019

- Analyzed historical plant protection relay maintenance data to reduce potential turbine shutdowns by 40%.
- Used historical substation data to improve efficiency and eliminate discharge, resulting in a 20% increase in efficiency.
- Conducted data analysis on equipment downtime to improve maintenance planning and reduce downtime by 25%.
- Analyzed equipment performance data to inform preventative maintenance strategies, resulting in a 10% increase in uptime and 5% decrease in maintenance costs.

EDUCATION

B.Eng, Electrical and Electronic Engineering

Federal University of Technology, Owerri

- Capstone Project: Developed a fingerprint attendance system for department implementation.

Diploma, Backend Engineering (Python)

AltSchool Africa, Lagos

Data Engineering Professional Certificate

IBM, Coursera