

BARO MONARCH ONORIOSE

Data Analyst | Business Intelligence Specialist

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PROFESSIONAL SUMMARY

Data Analyst with over 2 years' experience in extracting, transforming and analyzing data using **Python, SQL, Excel, Power BI** and **Tableau**. Skilled in building ETL processes, developing dashboards, and applying statistical techniques to support business decisions and improve operational efficiency.

SKILLS

- **Data Analysis & Visualization:** Power BI, Tableau, Excel, Python (Pandas, NumPy, Matplotlib)
- **Statistical Methods:** Time Series Analysis, Regression, Clustering, Predictive Modelling.
- **Business Intelligence & Reporting:** Data Warehousing, Data Modelling, Integration Development, Reporting Automation.
- **Database Management:** SQL, MSSQL, Data Cleaning, ETL Tools.
- **Data Cleansing and Preprocessing:** Data wrangling, Missing value Imputation, Duplicate removal, Text Analysis.
- **Soft Skills:** Problem Solving, Critical Thinking, Analytical Reasoning.

PROJECTS

Brazilian E-commerce Data Analysis - *Power BI*

- Analyzed 100,000+ Brazilian e-commerce orders (2016-2018) using Power BI (Power Query, DAX) to assess delivery performance, customer satisfaction, and sales trends.
- Identified that 93.23% of orders were delivered on time and pinpointed product categories (e.g., "bed_bath_table") and weekdays (Wed/Thu) were most prone to late deliveries.
- Provided actionable insights to optimize logistics and enhance customer experience for a major e-commerce platform.

United States Census Data Analysis Project | *Python*

- Conducted exploratory data analysis on US Census data (2010-2015) using Python, Power BI to uncover population distribution, geographic divisions, and demographic characteristics.
- Determined Texas has the most counties (254) and identified the three most populous states based on county data.
- Provided meaningful insights into demographic shifts and regional patterns, aiding in population understanding and strategic planning.

Istanbul Customer Shopping Mall Analysis | *Tableau, Microsoft Excel*

- Analyzed retail sales data from 10 shopping malls (Istanbul, 2021-2023) using Tableau and Excel to uncover key shopping trends, customer demographics, and purchase behaviors.
- Developed compelling data visualizations to highlight performance across malls and identify actionable insights for retail optimization and targeted marketing strategies.
- Performed Market Basket Analysis to identify associations between frequently purchased items, providing recommendations for product placement and promotional strategies.

Hospital Waitlist Analysis Project | *Power BI, Microsoft Excel*

- Analyzed publicly available healthcare waitlist data (2018-2021) using Power BI and Excel to optimize resource allocation and improve patient experience
- Analyzed hospital waitlist trends, revealing a reduction in total patients from 709,000 to 640,000, and determined that outpatients constituted over 72% of the waitlist, guiding targeted resource allocation.
- Illuminated key metrics such as average median waiting times and breakdowns by patient category, specialty, and age profile to enhance operational efficiency.

EXPERIENCE

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| Data Analyst Intern, Quantum Analytics NG – Lagos, Nigeria. | July 2023 – January 2024 |
| <ul style="list-style-type: none">- Designed over 30 dashboards using Tableau, Power BI, and Excel improving stakeholder access and understanding.- Developed and implemented data analysis methodologies that increase report accuracy by 25%, ensuring better decision-making process.- Extracted, cleaned and analyzed large datasets using SQL and Python, reducing data processing time by 40%.- Utilized aggregation and filtering techniques to enhance reporting workflows.- Built Predictive models to forecast sales and revenue, achieving an 85% accuracy. | |

EDUCATION

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| Delta State University Abraka, Delta State, Nigeria Bachelor of Science in Human Physiology | 2018 |
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CERTIFICATION

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| Microsoft Certified: Power BI Data Analyst Associate | 2024 |
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