

# BARO MONARCH ONORIOSE

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## Professional Summary

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Data Analyst with extensive experience in leveraging data-driven insights to drive business growth and efficiency. Proven track record in developing and implementing robust data analysis methodologies, enhancing report accuracy and reducing data processing times.

## Skills

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- Programming Languages: Python (Pandas, NumPy, SciPy, MatplotlibPython (Pandas, NumPy, SciPy, Matplotlib) .
- Databases ( SQL Server, MySQL) .
- Data Analysis & Visualization: Tableau, Power BI, Excel (VLOOKUP, Pivot Tables), Data Cleansing & Preprocessing.
- Statistical Methods: Time Series Analysis, Regression, Clustering, Predictive Modeling.
- Data Modeling & Reporting: Power BI, Tableau, DAX.
- Problem-Solving: Critical thinking, Analytical reasoning, Creative data solutions.

## Projects

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### UNITED STATES' CENSUS DATA

- Analyzed U.S. population data from 2010 to 2015 using **Python** to gain insights into the country's demographic dynamics.
- Implemented **Data cleaning techniques** by using **pandas** for handling missing value, duplicates, and formatting issues.
- Aggregated and visualized the data by using **NumPy**, **matplotlib** and **wordcloud** to compile a professional report

### NEWYORK TAXI TRIPS DASHBOARD

- Created a **Power BI** dashboard with **performance optimization techniques** to visualize an extensive dataset of 28 million taxi trips from 2017 to 2020, covering more than 265 locations.
- **Transformed** and processed client's data by using **Data Modelling Techniques**, **DAX** and **Excel** to ensure data completeness and validity.
- Performed **time series and statistical analyses** to investigate the **patterns** and **trends** in how and when New Yorkers utilize taxi.

### MATERNAL HEALTH RISK ANALYSIS

- Utilized **Tableau** to perform analysis on data collected from different hospitals, community clinics and maternal health cares
- Performed **data cleaning** and **text analysis** to successfully identify the health conditions that are the strongest indication for health risks during pregnancy.
- Created a dashboard to report my analysis.

## Work Experience

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**DATA ANALYST** – Quantum Analytics – Nigeria      July 2023 - present

- Created over 30 interactive dashboards using **Tableau** and **Power BI**, enhancing data visualization and accessibility for stakeholders
- Developed and implemented data analysis methodologies that increased report accuracy by 25%, ensuring better decision making processes for clients
- Utilized **SQL** and **Python** to extract, clean, and analyze large datasets, reducing data processing time by 40%.
- Utilized **SQL** to extract relevant data from the Adventure works database, focusing on sales, customers, products, and geography
- Transformed and filtered data by using aggregating and filtering function to improve reporting process.
- Developed predictive models to forecast sales and revenue, achieving an 85% accuracy .

**SALES MANAGER/BUSINESS ANALYST** – Yomacare pharmaceuticals – Delta State, Nigeria Nov 2019 - Present

- Organized operational expenses checkbooks and audited the company's financial statement
- Spearheaded the implementation of Data Driven Strategies, resulting in 20% increase in operational efficiency.
- Repurposed existing data sets to incorporate new features and analytics, expanding the use of analytics across the organization
- Created a data visualization tool that could easily be utilized by non-technical staff to help develop a more interactive and engaging service
- Researched and implemented new analytics methods to provide better metrics of employee performance and increase retention

## Education

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**BACHELOR OF SCIENCE IN PHYSIOLOGY** – Delta State University – Abraka, Delta State Dec 2014- July 2018

- Graduated with Second Class honors Upper Division
- G.P.A 3.4/4.0

## Certification

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**MICROSOFT CERTIFIED: POWER BI DATA ANALYST ASSOCIATE**