

# MARIAM ABASS

[GitHub](#)

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## EDUCATION

**University of Port Harcourt**

Rivers State, Nigeria

B.Sc. Biotechnology

**Jan. 2019 – Dec. 2023**

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## SKILLS SUMMARY

**Languages:** Python, SQL

**Tools:** Excel, Power BI, Tableau, MySQL, Microsoft Office Suites

**Soft Skills:** Problem solving, critical thinking, people/task management, excellent communication

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## WORK EXPERIENCE

**DATA ANALYST INTERN | NSDIC |**

**November 2024 - February 2025**

- Collected, cleaned, and analyzed large datasets to identify trends and patterns
  - Developed and maintained databases to store and manage data
  - Created data visualizations to communicate findings to stakeholders
  - Conducted statistical analysis and modeling to inform business decisions
  - Designed and developed reports to present data insights to senior management and stakeholders
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## PROJECTS

**Sales Performance Analysis |**

**December 2024**

- Analyzed the company's growth rate, revealing a satisfactory growth rate and potential for further expansion.
- Conducted an in-depth analysis of the company's branch operations, identifying areas for improvement and opportunities for growth.
- Discovered an underperforming branch with low sales despite being operational and recommended closing it and opening a new one, at location where sales are robust and growth is rapid.
- Data driven recommendations given result in a 10-20% increase in sales performance

**Conversion Rate Analysis |**

- Compared conversion rates among sales persons to identify top performers and areas for improvement
- Conducted in-depth analysis using statistical method to understand the impact of specific variables on sales conversion rates, enabling targeted improvements
- Analyzed the impact of location, gender, and other factors on sales outcomes

**Sales Profit Analysis |**

- Identified and comprehended key factors affecting sales profit performance through thorough analysis
- Conducted in-depth analysis revealing about 49% poor performing state branches despite being actively operational which is one of the factors affecting sales profit of the store.
- Enhanced store improvement and growth by 25% through accurate insights and recommendations

## **CERTIFICATES**

### **Professional Data Analyst |**

- Proficient in writing complex queries to extract, filter and manipulate data from relational databases
- Developed strong understanding of joins, subqueries, aggregation and window functions
- Developed interactive dashboards and data visualizations to support data-driven decision-making
- Demonstrated ability to communicate insights visually using charts, maps, lines and storytelling dashboards.

### **Linear Regression for Business Statistics |**

- Gained comprehensive understanding about mean centering of variables in a Regression model
- Building confidence bounds for predictions using a Regression model
- Transformation of variables
- The log-log and semi-log regression models

### **Ask Questions to Make Data-Driven Decisions |**

- Gained an understanding of data-driven decision-making and how data analysts present findings.
- Explored a variety of real-world business scenarios as an example of questioning and decision-making.
- Examine the key ideas associated with structured thinking and how they can help analysts better understand problems and develop solutions.

### **Foundations: Data, Data, Everywhere |**

- Learnt about key analytical skills (data cleaning, data analysis, data visualization) and tools (spread sheet, SQL, Tableau)
- Discovered a wide variety of terms and concepts relevant to the role of a data analyst
- Conducted an analytical thinking self-assessment