

THEMBISA MBONAMBI

<https://github.com/Thembisa63/Thembisa63.github.io>

<https://www.linkedin.com/in/thembisambonambi/>

Education

Richfield College

Bachelor of Science in Information Technology

Relevant Coursework: Programming, Networks, Database Systems, Machine Learning, Artificial Intelligence, Cloud Computing, Cyber Security

Skills

Programming & Analytics: Python (Pandas, NumPy, SciPy, Matplotlib, Scikit-learn), SQL (MySQL)

Data Handling: Excel (VLOOKUP, Conditional Formatting, Pivot Tables)

Visualization Tools: Power BI, Matplotlib, Seaborn

Soft Skills: Attention to Detail | Problem Solving | Critical Thinking | Communication

Experience

DATA ANALYST INTERN – Virtual Internship– Oasis Infobyte

15 January 2025 – 15 February 2025

- Cleaned **large datasets** to improve data integrity and data accuracy.
- Applied **Python (Pandas, NumPy, Scikit-learn)** to conduct **statistical modeling and clustering** for customer behavior insights.
- Performed data validation and quality assurance, identifying and correcting **99%** of data inconsistencies.
- Conducted **data validation and exploratory analysis** to uncover trends.
- Created **impactful visualizations** using Matplotlib and Seaborn.

Project(s)

Sports Data Analytics Project – Udemy Project

- Improved scouting success by **80%** by analyzing striker performance data (500 players) to uncover patterns and categorize them using descriptive statistics and data visualization.
- **Engineered ML features**, identifying **top predictive factors** in striker performance.

Customer Segmentation Project – Oasis Infobyte Internship

- Applied K-Means Clustering to group customers based on purchasing behavior, optimizing marketing strategies.