

Mmopiemang Mmopiemang

Business Intelligence & Data Analytics | Product-Oriented Engineering | Python

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SUMMARY

Final-year Business Intelligence & Data Analytics student focused on bridging Data Science and product-oriented web engineering. Combining a strong mathematical foundation with proficiency in Python, SQL, and fundamental web development to build practical, data-driven applications. An innovative problem-solver committed to continuous learning and creative technical solutions to complex business challenges.

EXPERIENCE

Data & BI Attache

FNB Botswana | Internship | Mar 2025 – Aug 2025 | Gaborone, Botswana

- Led a cross-functional project with a Data Privacy Officer to design and develop an internal MVP incident management system, replacing the existing end-to-end manual process.
- Tech stack: PostgreSQL, Flask, Vanilla HTML/CSS/JS, Python Auth, RBAC. Applied Agile methodologies with continuous customer feedback iteration throughout the development cycle.
- Fulfilled ad-hoc data requests and contributed to data-driven innovation initiatives within the BI division.

Claims Analyst Attache

Alpha Direct Insurance Co. | Internship | Feb 2025 – Mar 2025 | Gaborone, Botswana

- Built a Jupyter Notebook data pipeline (wrangling, formatting, transformation) that reduced time from extraction to visualisation by 40%, replacing a fully manual process.
- Developed a local MVP web interface displaying weekly summary customer claim metrics and profiles; front-end coded in HTML/CSS/JS via Google Colab with Python-based Excel upload and transformation.

Student (Full-time)

Botswana School of Business Sciences | Aug 2022 – Present | Gaborone, Botswana

- Pursuing a BSc (Hons) in Business Intelligence and Data Analytics in partnership with the University of Sunderland.

PORTFOLIO PROJECTS

Financial Inclusion Dashboard (Academic)

- Used macro and micro data from GSMA and the World Index to predict formal saving rates for informal traders.
- Built an ensemble modelling pipeline combining Random Forest, Gradient Boosting, and Regression.
- Visualisations built with Python (Jupyter Notebook), Bokeh, and Panel.

Hip-Hop Show Voting Portal (Freelance MVP)

- Designed and developed a full-stack voting portal for a local hip-hop show.
- Implemented RBAC and Python-based authentication for secure vote management.
- Tech stack: PostgreSQL, Flask, Vanilla HTML/CSS/JS, Python Auth.

ESG & BI in the Automotive Industry (Academic Research Paper)

- Authored a paper evaluating the impact of Business Intelligence tools in measuring ESG performance and accountability within the automotive sector.

EDUCATION

BSc (Hons), Business Intelligence and Data Analytics

University of Sunderland | Aug 2022 – Jul 2026

High School Diploma

St. Joseph's College, Kgale | 2020 – 2021

LICENSES & CERTIFICATIONS

dbt Fundamentals

DataCamp | Issued Feb 2026

Skills: Data Modeling & Materialization, Modular SQL Development, Data Quality Testing, dbt Project Configuration, Lineage & DAG Management, Jinja Templating

Agile Project Management Foundation

HP LIFE | Issued Feb 2026

Skills: Agile Methodologies, Scrum, Kanban

Fundamentals of Data Analysis using Excel

Corporate Finance Institute (CFI) | Issued Apr 2024

Skills: Microsoft Excel, Data Analysis

Responsive Web Design

freeCodeCamp | Issued Jul 2023

Skills: CSS, Web Development, HTML5

EF Standard English Test

EF SET | Issued Feb 2022

Skills: English

KEY SKILLS

Python | SQL | Data Analysis | Business Intelligence | Data Visualisation | Jupyter Notebook | Bokeh | Panel | dbt | Machine Learning (RF, GBM, Regression) | Flask | PostgreSQL | HTML | CSS | JavaScript | Microsoft Excel | Agile | Scrum | Kanban

REFERENCES

Mr Gobonamang Tshepo

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