

THALITHA SAMBO

Cape Town, South Africa

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with a strong foundation in mathematics and statistics. Skilled at transforming large datasets into actionable insights to support data-driven decision-making. Proficient in SQL, Excel, Python, Tableau, and Google BigQuery. Strong communicator with experience building reports, dashboards, and stakeholder presentations to make complex information easily digestible.

CORE COMPETENCIES

Data Analysis • SQL • Python • R • Statistical Analysis • Business Intelligence • ETL • Dashboard Development • Data Visualization • KPI Reporting • A/B Testing • Predictive Analytics • Data Mining • Machine Learning Fundamentals • Google BigQuery • Tableau • Power BI • Cross-functional Collaboration • Reporting

SKILLS

Languages: SQL, Python, R, HTML5, CSS3, JavaScript

Tools: Tableau, Power BI, Google BigQuery, Excel, Flask, Git

Data Methods: Data Cleaning, ETL, Exploratory Data Analysis, A/B Testing, Predictive Analytics, Statistical Analysis

Business Intelligence: Dashboard Development, KPI Reporting, Data Mining, Machine Learning Fundamentals

Database & Warehousing: Google BigQuery, Relational Databases

CERTIFICATIONS

Google Data Analytics Professional Certificate, Coursera/Google — July 2025

Software Engineering Bootcamp, Stellenbosch University / HyperionDev — 2024

EDUCATION

BSc in Mathematics and Statistics

University of Venda — Graduated: 2019

PROJECTS

Cyclistic Bike Share Analysis (Capstone Project)

SQL, Tableau, BigQuery | 5.6M Records

- Analyzed rider behavior using 12 months of trip data to compare casual vs. annual members.
- Cleaned and merged 12 CSV files in BigQuery, reducing missing data by 30% and retaining 3.9M valid records.
- Engineered features such as trip duration, weekday/weekend usage, and seasonality to uncover trends.
- Built an interactive Tableau dashboard showing user segments and ride patterns.
- Proposed marketing strategies including geo-targeted promotions and weekend campaigns (projected 5% conversion increase).

PROFESSIONAL EXPERIENCE

Purchasing Graduate Trainee

Standard Profil Group | Cape Town | Sep 2022 – Oct 2023

- Managed supplier relationships and monitored vendor KPIs to ensure timely delivery.
- Participated in tenders and contract negotiations for industrial procurement.
- Analyzed spending data to identify 15% cost-saving opportunities.
- Created internal documentation with HTML/CSS, reducing onboarding time by 35% and support queries by 40%.

Front-End Web Developer Intern

Oasis Infobyte | Remote | Feb 2024 – Mar 2024

- Developed responsive web interfaces using HTML5, CSS3, and JavaScript.
- Improved cross-browser performance and compatibility by 95%.
- Optimized website performance through asset compression and efficient front-end practices.

Online Mathematics Tutor

Self-Employed | Remote | May 2019 – Present

- Designed and delivered custom, interactive learning materials.
- Helped 85% of students improve their grades by 18% on average.
- Broke down complex mathematical topics using analytical teaching methods.

ADDITIONAL DETAILS

- Available for remote and on-site roles
- Passionate about data storytelling and continuous learning
- GitHub includes code samples and dashboard projects (available on request)

REFERENCES

Available upon request.