

LUNGELO DON SIGUDLA

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SUMMARY

I am a data analyst with experience in different analytics environments. I value insights gained through rigorous data-driven work. I always make sure work is delivered timely and that data informs meaningful decisions.

PROFESSIONAL EXPERIENCE

UMUZI.ORG (AFRICAN CODING NETWORK)

Data Science and Data Engineering Bootcamp

Johannesburg / SOUTH AFRICA

Jan 2024 - Dec 2024

I undertook this program to transition from data analyst to data scientist and data engineering roles, strengthening my capabilities in advanced data processing, statistical modeling, and machine learning.

Skills:

Advanced data handling, cleaning, and dataset transformation; statistical modeling; machine learning (Python, SQL); visualization and reporting (Excel, Tableau), AI/ML concepts and deployment.

ANTENNAR (PTY) LTD

Financial Data Analyst

Menlo Park, Pretoria / SOUTH AFRICA

2021 – 2023

- Delivered historical insights, predictive models, and scenario analyses for financial planning cycles.
- Maintained financial dashboards in Power BI to monitor KPIs, cashflow, and expenditure trends.
- Structured large volumes of financial data to support variance analysis, forecasting, and reconciliations

Skills:

Power BI, Excel (advanced), SQL, SAP, Oracle, financial modeling, KPI reporting, forecasting, variance analysis, master data management, GAAP/IFRS compliance, Lean Six Sigma foundations..

POLYGON (PTY) LTD

Data Analyst

Rosebank, Johannesburg / SOUTH AFRICA

2019 – 2021

- Tracked website traffic and user behavior using Google Analytics to improve marketing strategies.
- Built dashboards in Power BI to visualize trends in visits, bounce rates, and conversions.
- Worked with CRM data (Salesforce) to segment users and refine email campaign targeting
- Automated reports for teams to monitor KPIs like session duration and traffic sources.
- Developed Python scripts to automate data retrieval and extraction from structured sources

Skills:

Web Analytics, Google Analytics, Power BI, Tableau, Excel, Salesforce, SQL , A/B testing, APIs Python: NumPy, Pandas, Matplotlib, Seaborn, Selenium, tensorflow, statsmodels.

BESTMED MEDICAL SCHEME
Database Administrator

Faerie Glen, Pretoria, / SOUTH AFRICA

2016 – 2018

Recorded membership information for insurance applications, including personal details and ID numbers. Ensured accuracy and completeness of forms, verifying all data before processing. Digitized handwritten forms and transmitted data to the head office for further processing.

Skills: Database Management , Data Entry, Updating and Data Migration, Excel (VLOOKUP, Macros, PivotTables), Data Validation, ETL Process, Data Analysis, Data Report Generation.

EDUCATION

BSc Mathematics and Computer Science

Newcastle High School

Grade 12 Matric
Bachelors Pass

CERTIFICATIONS & COURSES:

- **Umuzi.org** : Data Science and Data Engineering Bootcamp 2024 (Completed)
- **Coursera**: Data Analysis, Excel Skills for Business: Essentials, Data Visualization with Tableau
- **SoloLearn** : 1) Introduction course to Python Certificate 2) Intermediate course Python Certificate

PROJECTS PORTFOLIO

 View projects: github.com/lungelodon

1. **Banking Risk Analytics Platform** – Developed risk models and dashboards for credit and compliance insights using Python, Tableau, and SQL.
2. **E-commerce Sales Analytics** – Automated ETL pipelines and performed demand forecasting and segmentation using Python, Airflow, and SQL.
3. **Real-Time IoT Data Pipeline** – Engineered a Kafka-Spark pipeline with anomaly detection for predictive maintenance on streaming sensor data.

CORE COMPETENCIES:

Databases: MySQL, PostgreSQL, MS SQL Server

Tools: Git, Github, VScode

Hard Skills: Data Modeling, Data Visualization, Statistical Data Analysis, Google Analytics, Data Analysis

Coding Languages: Python, C++, SQL, C#, MATLAB

Python Packages: NumPy, Pandas, Matplotlib, Seaborn

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INTERESTS: Computer Science, Engineering, Entrepreneurship, Finance, and SDGs, with an interest in organizational efficiency, business processes, and data-driven decision-making in operations.