# TRISHAD PHOGOLE

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**Linkedin:** Linkedin      | **Portfolio:** Portfolio | **Github:** Github

## PROFESSIONAL SUMMARY

Curious and detail-oriented Data Scientist and Data Engineer with expertise in machine learning, data engineering and business intelligence. Proven track record of building scalable data pipelines, deploying machine learning models, and delivering data-driven insights that improve operational efficiency. Passionate about leveraging advanced technologies to optimise operations, and drive innovation. Recognised for improving operational efficiency and enabling performance growth through data-driven recommendations. Committed to continuous learning and staying up to date with the latest industry trends and emerging technologies.

## PROFESSIONAL EXPERIENCE

### Data, Analytics & BI Graduate

**MoMo from MTN (MTN Group Fintech) | December 2025 - Present**

- Build and maintain data pipelines and automation workflows using Microsoft Fabric and Microsoft Power Automate to enable seamless data flow from OPCOs to on-prem lakehouses for analysis.
- Design and maintain organizational KPI dashboards for MoMo services using Microsoft Power BI to monitor operational and business performance.
- Collaborate with team members to deliver data-driven recommendations.

### Data Scientist Intern

**Mintek | March 2025 - November 2025**

- Developed and deployed machine learning models to optimize organizational operations, achieving up to 20% improvement through A/B testing and algorithm fine-tuning.
- Designed and maintained organisational KPI dashboards, including research outputs, HR metrics, divisional performance, and other key areas to support real-time tracking and performance monitoring, reducing manual reporting time by 40%.
- Executed ETL processes to integrate data from diverse sources (SharePoint, databases, Excel), improving data consistency by 95%.
- Leveraged SQL to extract, transform, and analyze large datasets (10,000+ records), optimizing query performance and ensuring 99% data accuracy.
- Translated complex data into impactful business insights, contributing to a 15% improvement in operational efficiency and enhanced strategic planning outcomes.
- Collaborated with cross-functional teams to deliver data-driven recommendations, resulting in a 20% increase in overall operational performance.

## CORE COMPETENCIES

### Programming & Analytics
- Python (Data analysis & Visualization)
- Data Mining & Management
- SQL (MySQL, SSMS, PostgreSQL)
- SAS Programming

### Machine Learning & AI
- Classification, Regression, Clustering
- Predictive Modeling & Time Series Analysis
- Experimental Design (A/B Testing, Hypothesis Testing)
- NLP, LLMs, Transformers
- Model Training & Development

### Data Engineering & Big Data
- Apache Spark, Kafka
- ETL Pipeline Design & Implementation
- Data Integration & Data Orchestration
- Microsoft Fabric, Power Automate
- Linux, WinScp

### Cloud & BI tools
- AWS, Azure Cloud Services
- Microsoft Power BI

## EDUCATION

**Bachelor of Science Honours in Computer Science**

University of Limpopo | February 2024 - December 2024

**Bachelor of Science in Computer Science and Statistics**

University of Limpopo | February 2020 - December 2023

**Matric**

Kgagatlou Secondary School | January 2015 - November 2019

## PROFESSIONAL CERTIFICATIONS

**IBM Professional Certificates**

- Data Analyst Professional Ceritifcate
- Data Science Professional Certificate
- Data Engineering Professional Certificate
- AWS Cloud Practioner Essentials

**Udemy Certificates**

- IFRS 9 Expected Credit Loss Model Development & Validation
- Credit Risk Modelling & Credit Scoring Using ML
- Basel Accords (II, III, V):Capital Adequancy, Credit, Market, Liquidity, and Operational Risk Management

**SAS Certificate**

- SAS Programming Essentials

## REFERENCES

Available upon request.