

# 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 ML 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 - December 2025

- Built and deployed machine learning models to optimise organisational operations and enhance decision-making, including fine-tuning algorithms for improved performance.
- Performed A/B testing on machine learning models to compare algorithm performance and feature variations, achieving up to 20% improvement in model selection.
- 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 mine, clean, and integrate data from diverse sources (SharePoint, databases, Excel), improving data consistency by 95%.
- Leveraged SQL to extract, transform, and analyse datasets with thousands of records, optimising query performance, reducing processing time, and ensuring 99% data accuracy in reports.
- 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)
- SQL (MySQL, SSMS, PostgreSQL)
- SAS Programming

### Data Engineering & Big Data

- Apache Spark, Kafka
- ETL Pipeline Design & Implementation
- Data Mining & Management
- Microsoft Fabric, Power Automate
- Linux, WinScp

### Machine Learning & AI

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

### Cloud & BI tools

- AWS, Azure Cloud Services
- Microsoft Power BI

EDUCATION

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**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 - December 2019

PROFESSIONAL CERTIFICATIONS

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**IBM Professional Certificates**

- Data Analyst Professional Certificate
- Data Science Professional Certificate
- Data Engineering Professional Certificate
- AWS Cloud Practitioner Essentials

**Udemy Certificates**

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

**SAS Certificate**

- SAS Programming Essentials

REFERENCES

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Available upon request.