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.
- Transfer and manage data files between remote servers and local machines using WinSCP, ensuring secure and reliable data ingestion into lakehouses.
- 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, 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 Mining & Management
- SAS Programming

Databases & Data management
- DBeaver
- SQL (MySQL, PostgreSQL, SSMS)

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

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

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

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 - December 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.