

# TRISHAD PHOGOLE

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**Linkedin:** [Linkedin](#) | **Portfolio:** [Portfolio](#) | **Github:** [Github](#)

## PROFESSIONAL SUMMARY

Curious and detail-oriented Data Scientist and Data Engineer with over one year of hands-on experience 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.

## CORE COMPETENCIES

Programming & Analytics	Databases & Data management	Cloud & BI tools
<ul style="list-style-type: none"><li>Python</li><li>Data Mining &amp; Management</li><li>SAS Programming</li></ul>	<ul style="list-style-type: none"><li>DBeaver</li><li>SQL (MySQL, PostgreSQL, SSMS)</li></ul>	<ul style="list-style-type: none"><li>AWS, Azure Cloud Services</li><li>Microsoft Power BI</li></ul>
Data Engineering & Big Data	Machine Learning & AI	
<ul style="list-style-type: none"><li>Apache Spark, Kafka</li><li>ETL Pipeline Design &amp; Implementation</li><li>Data Integration &amp; Data Orchestration</li><li>Microsoft Fabric, Power Automate</li><li>Linux, WinScp</li></ul>	<ul style="list-style-type: none"><li>Classification, Regression, Clustering</li><li>Predictive Modeling &amp; Time Series Analysis</li><li>Experimental Design (A/B Testing, Hypothesis Testing)</li><li>NLP, LLMs, Transformers</li><li>Model Training &amp; Development</li></ul>	

## 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.

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**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

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**PROFESSIONAL CERTIFICATIONS****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

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**REFERENCES**

Available upon request.