

# PHOGOLE TRISHAD

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## PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Data Scientist with over 1 year of hands-on experience in leveraging machine learning, data analytics, and statistical modeling to drive business value and improve decision-making. Skilled in Microsoft Excel, Python, SQL, Microsoft Power BI, SQL Server Management Studio (SSMS), and My Structured Query Language (MySQL), with a strong background in building predictive models, automating workflows, and collaborating with cross-functional teams. Proven ability to uncover actionable insights from complex datasets and deliver impactful data-driven solutions. Demonstrated ability to develop and deploy scalable solutions, create interactive dashboards, and design end-to-end data science workflows. Passionate about leveraging cutting-edge technologies to optimise operational processes, enhance forecasting accuracy, and deliver measurable impact. Adept at storytelling with data and translating business needs into actionable insights.

## WORK EXPERIENCE

MINTEK	2025
DATA SCIENTIST	
<ul style="list-style-type: none"><li>Developed, tested, and deployed organisational machine learning models to optimise organisational processes and enhance decision-making, including fine-tuning algorithms for improved performance.</li><li>Conducted A/B testing on machine learning models to compare algorithm performance and feature variations, leading to more effective model selection.</li><li>Designed interactive organisational dashboards and reports using Microsoft Power BI to visualise trends and improve decision-making.</li><li>Developed and maintained 5+ organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and reporting of key business metrics.</li><li>Performed ETL processes to mine, clean, and integrate data from sources such as SharePoint, databases, and Excel into dashboards for streamlined reporting and analysis.</li><li>Utilised SQL to extract, transform, and analyse datasets with thousands of records, optimising query performance, reducing processing time, and ensuring 99% data accuracy in reports.</li><li>Collaborated with cross-functional teams to deliver data-driven recommendations that resulted in operational improvements, including a 10% reduction in costs.</li></ul>	

## TECHNICAL SKILLS

PYTHON (NUMPY, PANDAS, SCIKIT-LEARN, MATPLOTLIB)	MICROSOFT POWER BI
SQL (STRUCTURED QUERY LANGUAGE)	PROJECT MANAGEMENT
DATA MINING AND HANDLING	MODEL DEPLOYMENT
DATA ANALYSIS AND VISUALISATION	DATA MODELING
MACHINE LEARNING	ARTIFICIAL INTELLIGENCE

## EDUCATION

BACHELOR OF SCIENCE HONOURS IN COMPUTER SCIENCE	
University of Limpopo	2024
BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCE	
University of Limpopo	2023
MATRIC	
kgagatlou Secondary School	2019

## REFERENCES

Dr S Limani | SET-HCD ( R & D ), Mintek : 083 941 4917  
Dr N Chirwa | Planning, Monitoring, Evaluation and Reporting ( R & D ), Mintek : ?  
Prof M Velimpini (Lecture & Supervisor), University of Limpopo : 073 460 3950