

# PHOGOLE TRISHAD

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## PROFESSIONAL SUMMARY

Results-driven and detail-oriented Data Scientist with over 1 year of practical experience applying machine learning, data analytics, business intelligence and statistical modeling to generate business value and support strategic decision-making. Proficient in Python, SQL, Microsoft Power BI, SQL Server Management Studio (SSMS), MySQL, and Microsoft Excel, with proven expertise in developing predictive models, automating data pipelines, and creating interactive dashboards for both technical and non-technical stakeholders at the organisational level. Skilled in extracting actionable insights from complex datasets and delivering scalable, end-to-end data science solutions. Passionate about leveraging advanced technologies to optimise operations, drive innovation, and strengthen data-informed decision-making. Recognised for strong data storytelling and the ability to translate business challenges into impactful analytical solutions.

## 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>Performed A/B testing on machine learning models to compare algorithm performance and feature variations, resulting in 20% improvement in model selection.</li><li>Developed and maintained 5+ organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and reducing manual reporting time by 60%.</li><li>Executed ETL processes to mine, clean, and integrate data from multiple sources such as SharePoint, Databases, and Excel into dashboards for streamlined reporting and analysis.</li><li>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.</li><li>Translated complex data analyses into actionable business insights, contributing to a 15% improvement in operational efficiency and enhanced strategic planning outcomes.</li><li>Collaborated with cross-functional teams to deliver data-driven recommendations, resulting in a 20% increase in overall operational performance.</li></ul>	

## TECHNICAL SKILLS

PYTHON (NUMPY, PANDAS, SCIKIT-LEARN, MATPLOTLIB)	MICROSOFT POWER BI
SQL (STRUCTURED QUERY LANGUAGE)	DATA MANAGEMENT
DATA MINING AND HANDLING	MODEL DEPLOYMENT
DATA ANALYSIS AND VISUALISATION	CYBER SECURITY
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 Management ), Mintek : [ShonisaniL@mintek.co.za](mailto:ShonisaniL@mintek.co.za) | 083 941 4917  
Prof M Velimpini (Senior Lecture & Supervisor), University of Limpopo : [mthulisi.velempini@ul.ac.za](mailto:mthulisi.velempini@ul.ac.za) | 073 460 3950  
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