

PHOGOLE TRISHAD

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PROFESSIONAL SUMMARY

Results-driven and detail-oriented Data Scientist with hands-on practical experience in machine learning, artificial intelligence, data analytics, business intelligence and reporting.I have a proven track record in developing predictive models, automating data workflows, 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">Developed, tested, and deployed organisational machine learning models to optimise organisational processes 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, resulting in 20% improvement in model selection.Developed and maintained 5+ organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and reducing manual reporting time by 60%.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.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 analyses into actionable 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.	

TECHNICAL SKILLS

<ul style="list-style-type: none">Python (Pandas,Numpy, Scikit-learn,Tensorflow, PyTorch)SQL (MySQL, SSMS, PostgreSQL)Data Mining & ManagementData Analysis & VisualisationMachine learning (Deep learning, Clustering, LLMs, NLP)PySpark & Big Data Querying	<ul style="list-style-type: none">Microsoft Power BINoSQL (MongoDB, Cassandra)Model Training & DeploymentVersion Control (Git + Github)Predictive Modeling & Time Series AnalysisGenerative AI (Transformers, GANs)
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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 | 083 941 4917
Prof M Velimpini (Senior Lecture & Supervisor), University of Limpopo : mthulisi.velempini@ul.ac.za | 073 460 3950
Mr J Manamela (Senior Lecture), University of Limpopo : jonas.manamela@ul.ac.za | 015 268 2155/3101