

PHOGOLE TRISHAD

[Johannesburg, Gauteng, SouthAfrica](+27)676332024/0818872945|www.phogoletrishad7@gmail.com



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

- 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

- Python (Pandas,Numpy, Scikit-learn,Tensorflow, PyTorch)
- SQL (MySQL, SSMS, PostgreSQL)
- ETL & Pipelines
- Data Analysis & Visualisation
- Machine learning (Deep learning, Clustering, LLMs, NLP)
- Big Data (Hadoop, Spark)
- Microsoft Power BI
- NoSQL (MongoDB, Cassandra)
- Model Training & Deployment
- Version Control (Git + Github)
- Predictive Modeling & Time Series Analysis
- Generative AI (Transformers, GANs)

EDUCATION

BACHELOR OF SCIENCEHONOURSINCOMPUTERSCIENCE

University of Limpopo 2024

BACHELOR OF SCIENCEINMATHEMATICALSCIENCE

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
ProfMVelimpini(SeniorLecture&Supervisor),Universityof Limpopo : mthulisi.velempini@ul.ac.za | 073 460 3950
MrJManamela(SeniorLecture),UniversityofLimpopo:jonas.manamela@ul.ac.za | 015 268 2155/3101