PHOGOLE TRISHAD

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in Linkedin   Portfolio 📁   Github ⬤

PROFESSIONAL SUMMARY

Results-driven and detail-oriented Data Scientist with hands-on practical experience in machine learning, data analytics, business intelligence and reporting. Proficient in Python, SQL, Microsoft Power BI, SQL Server Management Studio (SSMS), PostgreSQL, MySQL, and Microsoft Excel, with 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 (PROGRAMMING LANGUAGE)	MICROSOFT POWER BI
SQL (STRUCTURED QUERY LANGUAGE)	NATURAL LANGUAGE PROCESSING (NLP)
DATA MINING AND MANAGEMENT	MODEL DEPLOYMENT
DATA ANALYSIS AND VISUALISATION	DEEP LEARNING
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 | 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