PHOGOLE TRISHAD

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Linkedin   Portfolio   Github

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 data-driven decision-making, and deliver measurable impact. Adept at storytelling with data and translating business needs into actionable insights.

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.
- Conducted A/B testing on machine learning models to compare algorithm performance and feature variations, leading to more effective model selection.
- Designed interactive organisational dashboards and reports using Microsoft Power BI to visualise trends and improve decision-making.
- Developed and maintained multiple organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and reporting of key business metrics.
- Performed ETL processes to mine, clean, and integrate data from sources such as SharePoint, databases, and Excel into dashboards for streamlined reporting and analysis.
- 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.
- Collaborated with cross-functional teams to deliver data-driven recommendations that resulted in operational improvements.

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	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 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