

PHOGOLE TRISHAD

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Linkedin: Linkedin | **Portfolio:** Portfolio | **Github:** Github

Professional Summary

Curious and detail-oriented Data Scientist with hands-on experience in machine learning, artificial intelligence, data analytics, and business intelligence. 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 translating complex business challenges into impactful analytical solutions.

Experience

Data Scientist, Mintek	Feb 2025-Present
<ul style="list-style-type: none">Developed, tested, and deployed 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 organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and performance monitoring.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.Delivered actionable insights from complex data analyses, achieving a 15% boost in operational efficiency and enabling more informed strategic planning.Collaborated with cross-functional teams to deliver data-driven recommendations, resulting in a 20% increase in overall operational performance.	

Technologies & Technical Skills

<ul style="list-style-type: none">Python (Pandas, Numpy, Scikit-learn, Tensorflow, PyTorch)SQL (MySQL, SSMS, PostgreSQL)Cloud Service (AWS)Data Analysis & VisualisationMachine learning (Deep learning, Clustering, LLMs, NLP)Big Data Engineering (Hadoop, Spark)	<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	Feb 2024 - 2024
Bachelor of Science in Statistics and Computer Science , University of Limpopo	Feb 2020 - 2023
Matric , Kgagatlou Secondary School	Jan 2015 - 2019

Certificates

Data Analyst Professional Certificate : IBM
Machine Learning Professional Certificate : IBM
Data Science Professional Certificate : IBM
Data Engineering Professional Certificate : IBM
AWS Cloud Practioner Essentials : IBM

References

Available upon request.