

# 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. 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, and drive innovation. Recognised for improving operational efficiency and enabling performance growth through data-driven recommendations. Strong problem-solver with the ability to translate complex datasets into clear, business-focused insights.

## Experience

Data Scientist, Mintek	Present
<ul style="list-style-type: none"><li>Participated in developing, testing, and deploying machine learning models to optimise organisational operations and enhance decision-making, including fine-tuning algorithms for improved performance.</li><li>Applied statistical analysis, hypothesis testing, and data visualisation techniques to identify trends, detect anomalies, and guide strategic decision-making.</li><li>Performed data analysis and delivered business intelligence support for HR and Finance, developing key reports that improved workforce planning and financial performance monitoring.</li><li>Designed and maintained organisational Key Performance Indicator (KPI) dashboards to support real-time tracking and performance monitoring.</li><li>Performed ETL processes to mine, clean, and integrate data from multiple sources such as SharePoint, Databases, and Excel into dashboards for streamlined reporting and analysis.</li><li>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.</li><li>Collaborated with cross-functional teams to deliver data-driven recommendations, resulting in a 20% increase in overall operational performance.</li></ul>	

## Technologies & Technical Skills

<ul style="list-style-type: none"><li>Python (Pandas, Numpy, Scikit-learn, Tensorflow, PyTorch)</li><li>SQL (MySQL, SSMS, PostgreSQL)</li><li>Cloud Service (AWS)</li><li>Business Intelligence &amp; Reporting</li><li>Machine learning (Deep learning, Clustering, LLMs, NLP)</li><li>Big Data Engineering (Hadoop, Spark, Hive)</li></ul>	<ul style="list-style-type: none"><li>Microsoft Power BI</li><li>NoSQL (MongoDB, Cassandra)</li><li>Model Training &amp; Deployment</li><li>Version Control (Git, Github)</li><li>Predictive Modeling &amp; Time Series Analysis</li><li>Generative AI (Transformers, GANs)</li></ul>
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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.