

# 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, drive innovation, and strengthen data-informed decision-making. Recognised for strong problem-solving and building end-to-end data solutions that support business objectives.

## Experience

<b>Data Scientist, Mintek</b>	Feb 2025-Present
<ul style="list-style-type: none"><li>Developed, tested, and deployed machine learning models to optimise organisational processes and enhance decision-making, including fine-tuning algorithms for improved performance.</li><li>Performed A/B testing on machine learning models to compare algorithm performance and feature variations, resulting in 20% improvement in model selection.</li><li>Developed and maintained organisational Key Performance Indicators (KPIs) performance dashboards to support real-time tracking and performance monitoring.</li><li>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.</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>Delivered actionable insights from complex data analyses, achieving a 15% boost in operational efficiency and enabling more informed strategic planning.</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>Data Analysis &amp; Visualisation</li><li>Machine learning (Deep learning, Clustering, LLMs, NLP)</li><li>Big Data Engineering (Hadoop, Spark)</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

<b>Bachelor of Science Honours in Computer Science</b> , University of Limpopo	Feb 2024 - 2024
<b>Bachelor of Science in Statistics and Computer Science</b> , University of Limpopo	Feb 2020 - 2023
<b>Matric</b> , 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.