

TRISHAD PHOGOLE

Location: Johannesburg | **Phone:** (+27) 676332024 | **Email:** www.phogoletrishad7@gmail.com

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 insights.

Experience

Data Scientist, Mintek

March 2025 - Present

- Participated in developing, testing, and deploying machine learning models to optimise organisational operations 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.
- Designed and maintained organisational Key Performance Indicators (KPIs) dashboards to support real-time tracking and performance monitoring.
- 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.
- 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 into impactful 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.

Technologies & Technical Skills

- Python (Pandas, Numpy, Scikit-learn, Tensorflow, PyTorch)
- SQL (MySQL, SSMS, PostgreSQL)
- Data Mining & Management
- Microsoft Power BI
- Machine Learning (Deep learning, LLMs, NLP)
- Artificial Intelligence (AI)
- Model development, training and deployment
- Predictive Modelling & Time Series Analysis
- Generative AI (Transformers, GANs)
- Big Data Engineering (Hadoop, Spark, Hive)
- NoSQL (MongoDB, Cassandra)
- Cloud Services (AWS)

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, Data Science Professional Certificate** : IBM
- **IFRS 9 Expected Credit Loss Model Development and Validation, Credit Risk Modelling & Credit Scoring Using Machine Learning** : Udemey
- **Data Engineering Professional Certificate** : IBM
- **AWS Cloud Practioner Essentials** : IBM

References

Available upon request.