PHOGOLE TRISHAD

Location: Johannesburg | **Phone**: (+27)676332024 | **Email:** www.phogolettrishad7@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 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

- Developed, tested, and deployed organisational 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 5+ 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.
- Translated complex data analyses into actionable 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)
- Microsoft Power BI
- SQL (MySQL, SSMS, PostgreSQL)
- NoSQL (MongoDB, Cassandra)
- Cloud Service (AWS)
- Model Training & Deployment
- Data Analysis & Visualisation
- Version Control (Git, Github)
- Machine learning (Deep learning, Clustering, LLMs, NLP)
- Predictive Modeling & Time Series Analysis
- Big Data Engineering (Hadoop, Spark)
- Generative AI (Transformers, GANs)

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.