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

- 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

- 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, Hive)
- 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.