LAMEL KEKANA

DATA SCIENTIST

CONTACT & PROFILES

Phone: +27 81 236 3039
Email: Lamel466@gmail.com
linkedin.com/in/lamel-kekana
https://github.com/lamelkekana

PROFESSIONAL SUMMARY

A proactive problem-solver with a strong ability to analyze challenges and develop effective solutions. Adaptable and resourceful, I approach both professional and personal obstacles with a solution-oriented mindset, ensuring efficiency and positive outcomes.

WORK EXPERIENCE

Data Science Intern | 2025/04 - 2025/07

ALX Africa

- Implemented data cleaning, validation, and transformation logic to ensure high-quality datasets for analytics and machine learning models.
- Co-developed and designed an instructional SQL module with colleagues to teach students end-to-end data analysis, covering data understanding, transformation, normalization, and extracting actionable insights through querying.

Electrical Apprenticeship | 2020-2022

Nampak Bevcan

- Assisted senior electricians and technicians in maintaining and troubleshooting machinery during routine operations and breakdowns.
- Supported inspections, repairs, and preventive maintenance tasks to minimize downtime.

SKILLS

Technical Skills

- **Programming**: Python, Java
- **Data Analysis**: Excel, SQL, Pandas
- **Visualization:** PowerBI
- **Machine Learning:** Scikit-learn
- **Version Control:** Git, GitHub
- **Cloud:** AWS

Soft skills

- Problem-solving
- Adaptability and time management
- Effective team collaboration
- Critical thinking and process optimization
- Self-driven and accountable
- Strong communication and active listening

EDUCATION

ExploreAI | 2024-2025

Data Science NQF 5

Denver Technical College | 2016-2017

Electrical Engineering N3

CERTIFICATIONS

Trade Test Red Seal - Electrician | 2022

NECSA (South African Nuclear Energy Corporation)

PROJECTS

Fully automated data pipeline powering an AWS-hosted data dashboard

I Built a fully automated ETL pipeline with weekly data refresh, integrated with a BI dashboard hosted on Metabase (AWS EC2) and powered by a MySQL database on AWS RDS, streamlining business insights delivery.

Car Feul Consumption Prediction

I Predicted fuel consumption using machine learning models, following thorough data preprocessing and exploratory data analysis (EDA) to identify and utilize key input features.