

# Mahlatsi Malesi Mashilo

Mpumalanga, South Africa

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## PROFESSIONAL SUMMARY

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Proactive and driven recent graduate with a background in Data Science, equipped with strong analytical and technical expertise to solve complex challenges. Skilled in machine learning, predictive modelling, and data visualization, I am eager to contribute to Sea Harvest's mission of empowering high-potential leaders by driving advancements in efficiency, innovation, and operational excellence. Through a collaborative and detail-oriented approach, I aim to make meaningful contributions during the 12-month programme and gain invaluable experience.

## SKILLS

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**Technical Skills:** Python | R | SQL | Power BI | Tableau | Machine & Deep Learning | Streamlit | Microsoft Office Suite

**Core Competencies:** Data Cleaning & Manipulation | Data Visualization & Storytelling | Problem-Solving | Team Player | Analytically Sound

## EDUCATION

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### Sol Plaatje University

- BSc. in Data Science (2022 – 2024)
- BSc. (Hons) in Data Science (Enrolled for 2025)

## RELEVANT PROJECTS

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### Car Price Prediction

Data Scientist | Sol Plaatje University, Capstone Project | Feb – Nov 2024 |

[Link](#)

- Headed the development of a machine learning tool to predict used car prices, reducing prediction errors by 12.67% (accuracy = 0.938; margin of error: R1,458.56).
- Processed 6,000+ records from Kaggle; performed EDA to uncover insights like depreciation trends and brand-based price gaps presented to users.

- Developed a Streamlit app enabling real-time price predictions with 8 key features (e.g., vehicle age, mileage, fuel type).
- Technologies: Python, Pandas, NumPy, XG-Boost, Scikit-learn, Streamlit, Plotly.

## ~~WORK EXPERIENCE~~

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**BESHADI CASH LOANS**

**Oct.**

**2022 - Present**

**Technical Support Consultant**

- Overhauled IT infrastructure, reducing system downtime by 30% and ensuring uptime for 100+ users.
- Implemented solutions that enhanced productivity and operational efficiency through proactive recommendations.

## ~~CERTIFICATION~~

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**CISCO Introduction to Data Science Certificate** | [Certificate](#)

## ~~ACHIEVEMENTS~~

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- Secured 3rd place at the 2024 Telkom Learn Hackathon for developing AI-powered learning pathways.

## ~~INTERESTS~~

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Coding | Data Science | Cyber Security | Weightlifting | Motor Mechanics