PERCIVAL SHIMANGE

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# PROFESSIONAL SUMMARY

Seasoned and committed MSc Data Science candidate with hands-on experience in data modeling, cleaning, reporting, and visualization. I am highly skilled in SQL, Excel, Python, and Power BI, with a strong track record of using data to uncover patterns and drive performance. I have a proven ability to communicate complex findings clearly to both technical and business stakeholders. I'm known for being a proactive problem-solver, building insightful dashboards, and collaborating across teams to translate raw data into business growth opportunities. I am eager to contribute my skills to a dynamic team where data is central to strategic decision- making.

# PROFESSIONAL EXPERIENCE

## Data Science Learner | ABSA CIB (Credit Risk) Johannesburg, April 2024 – March 2025

During my time at ABSA, I built and maintained credit risk models (such as PD, LGD, and EAD) using SAS, which helped ensure regulatory compliance. I performed data cleaning and transformation to improve data quality for decision-making and automated reporting processes to enable better performance tracking. I consistently delivered clear and actionable insights in team meetings and stakeholder presentations, and I collaborated with various business units to align our analytics with their operational goals.

## Data & Business Analytics Intern | Deloitte Midrand, February 2023 – April 2023

As an intern, I worked with teams to analyze data for startup support projects and other strategic initiatives. I was responsible for creating dashboards and reports to support project presentations and business reviews. I also researched industry trends and presented my findings to cross-functional teams, gaining valuable experience using Excel, SQL, and various reporting tools to support data-driven decision-making.

# PROFESSIONAL EXPERTISE

My key skills include Data Scientist, Data Analytics with expertise in SQL, Python (Pandas, NumPy), basic R, and advanced Excel functions like Pivot Tables, Index-Match, and VLOOKUP. For Data Visualization, I am proficient in Power BI, creating Excel charts and dashboards, and using DAX and Power Query. In Data Modeling, I have experience with regression, classification, and trend and pattern detection. I am also skilled in Reporting & Communication, regularly producing monthly reports, performance dashboards, and strategic insights. My soft skills include being detail-oriented, a self-starter, and having a strong ability for problem-solving and cross-functional collaboration.

# FORMAL EDUCATION

I am currently pursuing an MSc in Data Science at the University of the Witwatersrand, which I expect to complete in December 2025. I hold a BSc Honours in Physics (2021) and a BSc in Physical Science (2020) from the University of Limpopo.

I have also earned several certifications, including Credit Analyst Training, Credit Risk Modelling in Python, Data Science Bootcamp, Fraud Detection using Python, Microsoft Power BI Desktop For Business Intelligence, SAS Programming Base Certification Course For SAS Beginners.