MATSAWELA PHIRI

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Dedicated data scientist and analyst with a solid foundation in statistics and machine learning. Experienced in Python, SQL, Alteryx, and Power BI, with a track record of developing predictive models and delivering actionable insights. Passionate about leveraging data to solve complex problems and drive decision-making.

EXPERIENCE

MARCH 2024 - DATE

TECH OFFICER: DATA SCIENCE, BCX

- Participate in data science projects and lead initiatives to address various use cases for BCX and its clients.
- Conducting spatial analysis and data aggregation for the Telkom Regional Analysis project, utilizing tools like Alteryx and Power BI to provide visual insights into regional performance.
- Build and deploy machine learning models, improving efficiency and accuracy of data-driven solutions.
- Create insightful visualizations using Power BI to communicate findings to stakeholders effectively.
- Collaborating with the GenAI Team to explore and implement AI-driven solutions for data challenges, including the current Alibaba LLM Project.
- Document project processes and analytics to ensure knowledge transfer and compliance with data use protocols.
- Foster positive relationships with internal and external stakeholders, optimizing the information-to-decision cycle.
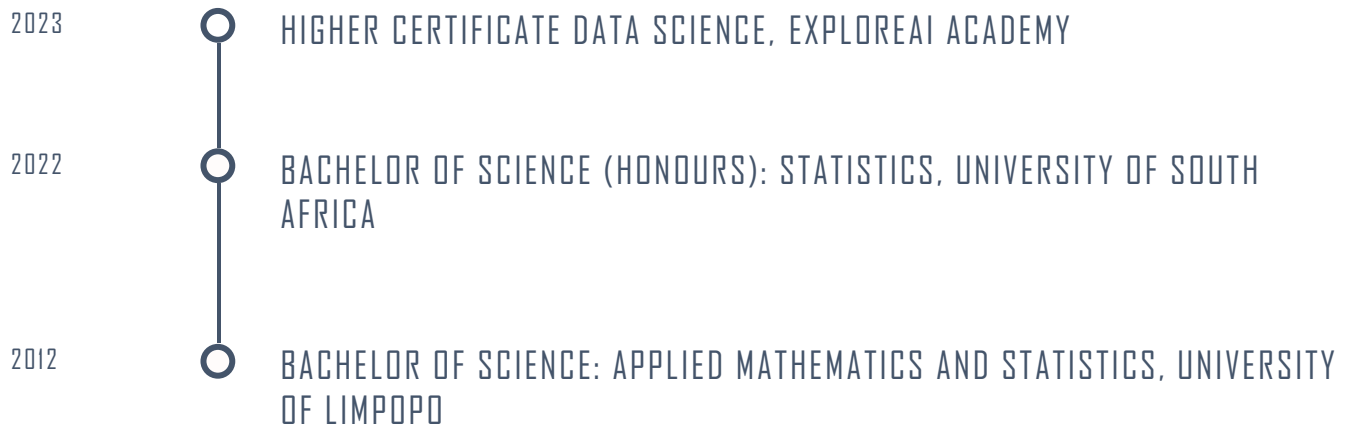
SEP 2023 – DEC 2023

DATA SCIENCE INTERN, BCX

- Conducted comprehensive data analysis for the BCX Finance Team.
- Analyzed multiple datasets including, revenue information, BMIT projections, and bad debt data to extract actionable insights to identify risks, trends, and opportunities using Python, SQL, BigQuery and DAX.
- Developed insights into customer consumption behavior, highlighting high-demand products and market segments using Power BI.
- Segmented customers and products by risk level, contributing to decision-making on customer negotiations and product strategies.
- Addressed data challenges from evolving business landscapes and the COVID-19 pandemic's impact on customer behavior.
- Created visual presentations (dashboard) of findings to aid strategic decision-making using Power BI and effectively communicated insights to non-technical stakeholders.

FEB 2014– MAY 2019

SERVICE CONSULTANT, CAPITEC BANK

- Opened savings accounts and savings plans.
- Gathered and processed client information.
- Assisted clients with credit and handling of queries and complains.
- Sold and educated clients about Capitec Bank products.
- Assisted with cash and cheque de

EDUCATION

2023   ○   HIGHER CERTIFICATE DATA SCIENCE, EXPLOREAI ACADEMY

2022   ○   BACHELOR OF SCIENCE (HONOURS): STATISTICS, UNIVERSITY OF SOUTH AFRICA

2012   ○   BACHELOR OF SCIENCE: APPLIED MATHEMATICS AND STATISTICS, UNIVERSITY OF LIMPOPO

SKILLS

- **Programming:**
  - Python
  - SQL
  - Stata
- **Data Science Tools:**
  - Machine Learning
  - Natural Language Processing
  - Unsupervised and Supervised Learning
  - Microsoft Power BI
- **Data Visualization & Analysis:**
  - Power BI
  - Excel
  - SPSS
- **Soft Skills:**
  - Communication
  - Collaboration and Teamwork
  - Problem-Solving
  - Adaptability
  - Attention to Detail
  - Critical Thinking
  - Curiosity and Passion for Learning

CERTIFICATES

- **Alteryx Designer Core Certification**
- **Alteryx Machine Learning Fundamentals Micro-Credential**
- **Alteryx Foundational Micro-Credential**
- **First Level Regulatory Examination: Representatives**