DEIRDRE GOUTA MMOLOTSA

COLLEGE STUDENT

CONTACT

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- 🌐 https://github.com/Deirdre24/Data-Analysis-Portfolio.git

EDUCATION

BOTSWANA ACCOUNTANCY COLLEGE
2022 - present

LIVINGSTONE KOLOBENG COLLEGE
2019 - 2021
IGCSE (2020) and AS Level (2021)

CERTIFICATIONS

- **ISO/IEC 27001 - Dynamics of Information Security Management System (ISMS), July 2024**

TECHNICAL SKILLS

- Microsoft Power Bi
- Python (Pandas, NumPy, SciPy, Seaborn, MatPlotLib)
- Excel (VLOOKUP, pivot tables, visualizations)
- SQL (Live SQL)
- Exploratory Analysis
- Systems Development (Planning, Analysis, Design)

SOFT SKILLS

- communication
- Teamwork
- Adaptability
- Interpersonal skills
- Leadership

PROFILE SUMMARY

I am a third-year BSc (Hons) student in Business Intelligence and Data Analytics with a strong foundation in data analysis and visualization. I am passionate about leveraging data-driven insights to support business growth and eager to apply my analytical skills in practical settings. Committed to continuous improvement, I am currently expanding my expertise by learning R.

PROJECTS

Data analysis research project - Optimizing retail operations

Group Assignment Project   February - May 2024

- Role: Team leader
- Led a group assignment to analyze retail operations, leveraging data analytics to enhance competitiveness and boost sales.
- Utilized regression analysis for sales forecasting to guide strategic decision-making.
- Analyzed historical sales data to provide insights into future trends, improving inventory management and pricing strategies.
- Presented findings to the examiner, effectively communicating insights and recommendations.
- Skills Used: Data analytics, predictive modeling, market research

Data analysis research project - Exploring Global Metrics in International Policymaking

Assignment Project   September - November 2023

- Analyzed the world-data2023.csv dataset using Excel and conducted data cleaning and exploratory analysis, including descriptive statistics and pivot table visualizations.
- Identified correlations between economic indicators and life expectancy, emphasizing implications for policy-making.
- Compiled findings into a report with visualizations and interpretations.

SETSWANA LANGUAGE LEARNING GAME

Python Project (PyCharm)   October - November 2023

- Developed an interactive language learning game using Python, enhancing programming and problem-solving skills (part of assessed assignment).
- Implemented features such as quizzes, vocabulary challenges, and user progress tracking.
- Focused on creating an engaging user experience through intuitive design and functionality.

RDBMS Development

Assignment Project   October- November 2022

- Developed a relational database management system (RDBMS) using MS Access as part of an assessed assignment.
- Skills Used: MS Access, database design, SQL queries, data normalization