LIND'IKHAYA XOLA

Data Analyst

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LinkedIn Profile

Data Analyst with expertise in Predictive Modeling, EDA, and Business Strategy Optimisation. Proficient in Python, SQL, Excel, and Tableau, I excel at transforming complex data into actionable insights that drive business performance. My background in Legal Analysis sharpens my problem-solving and attention to detail, making me well-suited for data-driven roles. Eager to contribute my skills to enhance decision-making and strategy in dynamic business environments.

EDUCATION

Bachelor of Laws (LLB)
University of Johannesburg – Paused due to funding.
- Member of the prestigious UJenius Club (2020), recognised for academic excellence.

National Senior Certificate (NSC)
George Khosa Secondary School – 2018.

Certifications
- *Career Essentials in Data Analytics* – Microsoft and LinkedIn
- *SQL Essential Training & SQL for Exploratory Data Analysis* – LinkedIn Learning
- *Business Analytics with Excel* – Simplilearn
- *Learning Python* – LinkedIn Learning

EXPERTISE

- **Python** - Pandas, NumPy, Matplotlib, SciKit-Learn, StatsModels.
- **SQL** - MySQL, SQLite, PostgreSQL, SQL Server.
- **Excel** - Pivot Charts, VLOOKUP, XLOOKUP, VBA, Conditional Formatting, Dashboards.
- **Tableau** - Data Import, Visualisations, and Analysis.

EXPERIENCE

Oasis Infobyte – Data Analyst Intern
May – Jun 2024
- **House Price Prediction:** Built a Multilinear Regression Model that achieved an accuracy of 84%, providing actionable insights for pricing strategies in real estate.
- **Wine Quality Prediction:** Developed a model with 77% accuracy, using chemical properties to predict wine quality, streamlining quality control processes.
- **Retail Sales Analysis:** Conducted Exploratory Data Analysis (EDA) on over 10,000 sales records, identifying trends that boosted sales strategies by 15%.

Blackchild Tutoring Services (Pty) Ltd – Tutor
May 2023 – Jun 2024
- Developed custom **Excel reports** to track student performance metrics, contributing to personalised learning plans and enhancing educational outcomes.
- Utilised **Excel dashboards** for monthly performance monitoring, boosting the operational efficiency of the tutoring program.

PORTFOLIO

- **GitHub**: GitHub – This is where I host and showcase my data analysis projects, featuring code, documentation, and analysis workflows.
- **Projects**: Portfolio Website – My professional portfolio website, presenting my background, skills, and selected data analysis projects in detail.
- **YouTube**: The Data Detective – A channel where I plan to create videos outlining my projects and offering data presentations.