SICELWESIHLE MYEZA

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Education

University of the Witwatersrand   Johannesburg, Gauteng
Bachelor of Science in Computer Science   Jan 2020 – Dec 2024

- Majors: Computer Science and Computer Applications.
- Relevant Coursework: Database Fundamentals; Machine Learning; Software Design; Operating Systems & Systems Programming; Advanced Analysis of Algorithms; Computer Graphics and Visualization; Parallel Computing & Computer Networks.

Experience

Data Analyst Intern   Braamfontein, Gauteng
University of the Witwatersrand   Apr 2024 – Nov 2024

- Collected, cleaned, and transform research and operational data sets using Python (Pandas, NumPy) and SQL, ensuring data accuracy and reliability.
- Designed and deployed Power BI dashboards to track key performance indicators.
- Collaborated on an Agile/Scrum team, presenting findings during Sprint Reviews

Technical Lab Assistant   Braamfontein, Gauteng
University of the Witwatersrand Mathematical Sciences Lab   Mar 2022 – Nov 2023

- Provided exceptional technical support to academic staff members, resolving complex issues, and ensuring seamless operations.
- Coordinated remote software installations for 200+ computers.
- Optimized technical workflows to improve lab efficiency and performance.

Technical Skills

- **Programming Languages:** Python, SQL, C++, R
- **Frameworks Libraries:** NumPy, Pandas, Matplotlib
- **Databases:** Oracle, MySQL, SQL Server, PostgreSQL
- **Tools Platforms:** Git, GitHub, Power BI, Tableau, Microsoft Excel

Projects

COVID-19 Data Analysis and Visualization ⚙

- Explored and analyzed a large COVID-19 dataset using advanced SQL techniques, including joins, CTEs, and window functions, to derive key metrics and insights.
- Demonstrated proficiency in data manipulation and preparation, transforming raw data into a structured format suitable for business intelligence applications.
- Developed interactive dashboards and visualizations in Tableau to effectively present global and continental COVID-19 trends, showcasing the ability to translate data into a clear narrative.

Netflix Data Analysis with SQL

- Conducted a comprehensive analysis of Netflix's movie and TV show dataset using advanced SQL queries to extract valuable business insights.
- Addressed specific business questions by analyzing the distribution of content, identifying the highest ratings, and exploring trends by release year, country, and duration.
- Demonstrated expertise in data exploration and SQL-based analysis to provide a foundation for data-driven decision making.

Certifications

IBM Data Analytics Professional Certificate