

SICELWESIHLE MYEZA

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Personal Website

📍 **Location:** Johannesburg, Gauteng, South Africa (Open to Relocation)

Professional Summary

Analytical and results driven Junior Data Analyst with a BSc in Computer Science (Wits, 2024) and hands-on experience in Python, SQL, and Business Intelligence tools (Power BI, Tableau, Excel). Proven ability to clean, transform, and analyze large datasets, design interactive dashboards, and communicate findings to both technical and non technical stakeholders. Skilled in ETL, data storytelling, and process optimization, with a track record of improving data accuracy and decision making efficiency. Certified in IBM Data Science & Analytics.

Core Competencies

- **Programming & Data Management:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (PostgreSQL, MySQL, Oracle, SQL Server; joins, CTEs, window functions), C++ , Query Optimization & Stored Procedures.
- **Business Intelligence & Visualization:** Power BI, Tableau, Microsoft Excel.
- **Data Analysis & Workflow Optimization:** ETL, Data Wrangling, Exploratory Data Analysis (EDA), Dashboard Design & Reporting Automation, Data Quality Assurance
- **Tools & Platforms:** Git/GitHub, Jupyter Notebooks, Web Scraping (BeautifulSoup, Requests, APIs), Agile/Scrum, Data Storytelling

Education

University of the Witwatersrand
Bachelor of Science in Computer Science

Johannesburg, Gauteng
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
University of the Witwatersrand

Braamfontein, Gauteng
Jan 2025 – Nov 2025

- Collected, cleaned, and transformed large research and operational data sets using Python (Pandas, NumPy) and SQL, improving dataset accuracy by 15%+ and reducing preparation time for analysis.
- Designed and deployed interactive Power BI dashboards that enabled stakeholders to track 10+ key performance indicators (KPIs), improving visibility of research progress and decision making efficiency.
- Automated ETL workflows, reducing manual preparation and increasing reproducibility.
- Conducted EDA to identify trends and anomalies, improving analytics reliability.
- Collaborated on an Agile/Scrum team, presenting insights during Sprint Reviews.

- Delivered end to end technical support for academic staff, resolving issues across 200+ lab computers, ensuring 98% system uptime during peak academic periods.
- Coordinated seamless remote software installations for a fleet of 200+ computers, reducing setup time by 30% and minimizing academic disruption.
- Implemented ticket-tracking improvements, optimizing technical workflows and resolution times.
- Optimized technical workflows to improve lab efficiency and performance.

Projects

In-Demand Developer Skills Analysis

- Collected and integrated data from multiple sources (web scraping with BeautifulSoup, API requests) to create a dataset of global developer trends.
- Cleaned and wrangled data with Pandas, reducing inconsistencies by 25% through missing value imputation and normalization.
- Conducted Exploratory Data Analysis (EDA) to uncover trends in developer skills, technologies, and demographics, identifying top in demand skills across industries..
- Built an interactive dashboard that presented insights clearly to a non technical audience, demonstrating the ability to translate data into actionable recommendations.

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.
- Transformed raw datasets into structured, business ready formats, improving usability for business intelligence (BI) 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

- Performed in depth analysis of Netflix's dataset using SQL queries, uncovering insights on content distribution by genre, country, and release year.
- Identified trends such as growth of international content and most frequent genres, providing evidence based insights into audience and market shifts.
- Strengthened expertise in data driven storytelling, demonstrating ability to answer real world business questions with SQL analysis.

Certifications

- IBM Data Science Professional Certificate
- IBM Data Analytics Professional Certificate