Shekinah Mpinguyabo Ntumba

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 Portfolio: **shekinah-ntumba.github.io/my_data_analyst_portfolio**

Career Objective

Motivated **Junior Data Analyst** with a passion for transforming data into actionable insights. I aim to contribute to **FINCA RDC** by supporting data-driven decision-making through effective data collection, cleaning, analysis, and visualization. Through my academic training, hands-on projects, and certifications, I have developed strong technical skills in **SQL, Excel, Tableau, and R** — enabling me to clean, analyse, and visualize data efficiently to support organizational growth.

Education

Strathmore University — BSc. Information & Computer Science
2022 – 2025

Groupe Scolaire Aurore — Diplôme d'État (Equivalent to K.C.S.E)
2017 – 2019

Certifications

- *Data Analysis and Visualization Foundations* — Completed

- *IBM Data Analytics with Excel and R Professional Certificate* — Ongoing

Technical Skills

- **Data Analysis Tools:** Excel (data cleaning, pivot tables, dashboards), Tableau, Cognos Analytics

- **Programming & Databases:** SQL (MS SQL Server, MySQL), R (tidyverse, ggplot2), Python (pandas, NumPy)

- **Statistical Techniques:** Descriptive & inferential statistics, correlation, regression, hypothesis testing

- **Data Preparation:** Data validation, wrangling, transformation, normalization

- **Reporting & Visualization:** Dashboard creation, storytelling with data, automated reporting

- **Other Skills:** RESTful APIs, Git/GitHub, Debugging, Technical Support

Soft Skills

- Analytical thinking and attention to detail

- Problem-solving and structured reasoning

- Clear communication and presentation skills

- Team collaboration and adaptability

- Time management and commitment to continuous learning

Professional Experience

Software Development & IT Intern – FINCA RDC (Jan – Mar 2025)

- Built an HR web application using **Next.js** and **SQL Server**.

- Provided technical support to staff, including device setup and configuration.

- Configured PoS devices for operational readiness.

Selected Projects

- **Calculating Free-to-Paid Conversion Rate with SQL Project**— Analysed student journey data to assess progression from sign-up to engagement and paid conversion.
- **Human Resource Management Analytics Dashboard in R**— Analysed employee data to uncover insights on workforce structure, pay trends, and departmental performance.

- **Student Engagement Analysis Project with Excel**— Analysed quarterly engagement gaps between free and paid students using stats and visuals.

- **Newsfeed Analysis Dashboard using Tableau** — Analysed engagement trends by news category and period to identify top topics and audience patterns.

- **Housing Market Trends Analysis with Python** — Explored and visualized key housing market trends using Python.

*See more in my portfolio: **shekinah-ntumba.github.io/my_data_analyst_portfolio***

Languages

- French (Fluent), English (Fluent), Spanish (Intermediate)

Interests

Data visualization and storytelling, financial and business analytics, continuous learning in R and SQL, exploring innovative data-driven solutions for social and economic impact, Cybersecurity, Web Application, Videography