

Nicolette Mtisi

Jersey City, NJ 07305 • (201) 268 9283 • nmtisi@mail.yu.edu • [linkedin.com/in/nicolette-mtisi](https://www.linkedin.com/in/nicolette-mtisi)

EDUCATION

M.S.: Data Analytics and Visualization, Expected Dec 2026

Yeshiva University, Katz School of Science and Health - New York, NY Expected

B.Sc. (Hons) in Data Science & Informatics, Graduated Sept 2024

University of Zimbabwe - Harare, Zimbabwe

SKILLS

Python · SQL · Excel · Power BI · Tableau · Machine Learning · Predictive Modeling

Data Cleaning & Wrangling · Data Storytelling · LLM · RAG · Data Visualization

EXPERIENCE

Data Science Intern, Aug 2022 – Aug 2023

Zimbabwe Power Company (ZPC) – Harare, Zimbabwe

- Analyzed diesel distribution and equipment efficiency data to optimize energy output.
- Cleaned and modeled datasets, improving reporting accuracy by 25%.
- Built dashboards in Excel and Tableau visualizing fuel usage trends and KPIs.
- Delivered data-driven recommendations reducing fuel waste by 10%.

Data Analyst & Sales Assistant, Jan 2024 – Dec 2024

VEETNIC Enterprises – Harare, Zimbabwe

- Conducted market basket analysis identifying frequently bought product combinations.
- Maintained sales databases tracking 1,500+ monthly transactions.
- Created sales and inventory reports with Power BI and Excel.
- Streamlined reorder process, reducing overstock by 10%.

Founder & Owner, Aug 2022 – Dec 2024

Nicole's Treats / Nicole's Clothing Apparel – Harare, Zimbabwe

- Handled sales tracking, inventory management, and customer engagement.
- Delivered exceptional customer service by addressing client concerns promptly and effectively resolving issues.
- Established a successful business by identifying market needs and developing innovative solutions.

PROJECTS

- **Chronic Disease Analytics System:** Designed PostgreSQL star schema & ETL pipelines for health trends.
- **Flight Delay Analytics:** Used SQL/Tableau to analyze U.S. delay and weather data.
- **Predictive Maintenance:** Built ML model to forecast equipment failure.
- **Twitter Sentiment Analysis:** Analyzed public opinion using Python & NLP.

COMMUNITY SERVICE

Community Volunteer, Triangle Park Community Centre, 04/2025– Present

OTHER EXPERIENCE

Student Assistant , WILF Campus Yeshiva University – Spring 2025