**COLLINS MURICHU WANJIRA**   
 **Toronto, ON** | **437-733-6210 |** [**Email**](murichucollins26@gmail.com) **|** [**LinkedIn Profile**](file:///C:\Users\myloc\Downloads\www.linkedin.com\in\collins-murichu-wanjira) **|** [**Portfolio**](https://www.datascienceportfol.io/CollinsMurichu)

**Summary**

Data Analyst with over a year of experience in **data analysis**, **entry**, and **database management**, skilled in **Excel**, **SQL**, and **Python** for data cleaning, manipulation, and **visualization**. Experienced in working with SQL databases like PostgreSQL and creating insightful visualizations to support strategic decision-making. Strong problem-solving skills with expertise in machine learning and predictive modeling, and adept at communicating complex data to non-technical stakeholders.

**KEY SKILLS •** Programming: Python and SQL **•** Tools:Jupyter-Notebooks , Microsoft Office, Google Workspace, PostgreSQL, MySQL, SQLite, Tableau **•** Project Management Fundamentals: Agile, Waterfall, Scrum, Kanban, Trello **•** Strong ability to work independently and collaboratively in team environments  
**•** Effective communication and reporting skills to present data insights clearly  
**•** Dedicated to ensuring the accuracy, completeness, and reliability of data

**WORK EXPERIENCE**  
**Junior Data Entry Analyst** (Wymore IT Solutions Ltd, Nairobi, Kenya) ***Jan 2022 - June 2023*  •** Performed accurate data entry in Excel and PostgreSQL for diverse business projects **•** Crafted and supervised databases, enhancing data retrieval efficiency and integrity by 20% **•** Orchestrated comprehensive data collection, cleaning, analysis, visualization, and storage **•** Produced detailed analysis reports for management, that boosted company performance **•** Organizing office files, documents according to a particular order and bookkeeping **•**Automated routine data tasks using SQL scripts, reducing manual work by 30% and boosting process efficiency

**VOLUNTEER EXPERIENCE**   
**Sales Attendant** (Habitat for Humanity Restore, Scarborough, ON) **Feb - June 2024 •** Regularly updated Excel sheets, tracking inventory, sales, and pricing data of the store maintain data accuracy  **•** Involved in pricing items according to the store’s system, applying analytical thinking **•** Delivered quality customer care, leveraging data insights to ensure an optimized shopping experience, thus enhancing my problem-solving and communication skills **•** Ensured all transactions and records were accurately logged, further developing attention to detail skills  **•** Answering phone calls and replying to emails inquiries from customers about the store’s products

**EDUCATION**

**IBM Data Analyst Professional Certificate** **Expected 2024**

**Microsoft Azure AI Fundamentals Professional Certificate Sep -Oct 2024**

**Junior Data Analyst Program Sep – Dec 2024**

NPower Canada │ Toronto

**Data Science Course**  **July – Sep 2024**

BrainStation │ Toronto, Ontario

**SQL Essentials** **Bootcamp** **July-Aug 2024**

LightHouse Labs │ Toronto, Ontario

**Google Data Analytics Professional Certificates** **May 2024**

**Data Analytics Certificate** **May-April 2024**

FutureTek IT Recruitment │ Toronto, Ontario

**Data Analytics Course** **Jan-Dec 2021**

Nyeri National Polytechnic │ Nyeri, Kenya

**Special ProjectsData Analysis of Mortality Rates of Shelter Residents in Toronto (2007-2024) Oct 2024 Personal Project (**[github repository](https://github.com/kulture56/Exploratory-Data-Analysis-of-Mortality-rates-of-Shelter-Residents-in-Toronto-From-2007-2024" \t "_new)**)**• Cleaned and pre-processed the dataset, filling missing values using the mode • Performed descriptive analysis, calculating correlations between variables • Developed various visualizations to track monthly and yearly mortality rates across three gender categories: Male, Female, and Transgender/Non-binary/Two-Spirit  
• This project offers valuable insights into the steady rise in mortality rates, with the goal of informing efforts to improve shelter conditions and address this pressing issue

[**Pump-it-Up-Data-Mining-the-Water-Table**](https://github.com/kulture56/Pump-it-Up-Data-Mining-the-Water-Table) **Aug – Sep 2024 School based project (**[github repository](https://github.com/kulture56/Pump-it-Up-Data-Mining-the-Water-Table/tree/main))• The dataset included features such as pump type, installation date, and management to classify pumps as functional, non-functional, or requiring repairs • Developed a machine learning model using the Linear SVC algorithm to predict the operational status of water pumps in Tanzania   
• Conducted data cleaning by dropping redundant or incomplete columns, addressing missing values by imputing with the mode, and applied feature engineering techniques to enhance model accuracy   
• Created visualizations for descriptive analysis and to compare key features with target variables, helping to uncover insights related to pump functionality and maintenance needs