COLLINS MURICHU

437.7336.210| **Email** | Toronto, ON | **LinkedIn Profile**

Summary of Qualifications

- **1+ years of experience** in data analysis, data entry, and database management.
- Highly skilled in using tools such as **Excel, SQL, and Python** for data cleaning, manipulation, and visualization.
- Demonstrated ability to **automate data tasks**, leading to a **30% reduction in manual work** and a **15% improvement in data accuracy**.
- Strong analytical skills, with a proven track record of delivering detailed **reports and presentations** to facilitate data-driven decision-making.
- Experienced in working with **SQL databases** like PostgreSQL and **data visualization** tools to create insights for strategic business improvements.
- Excellent **problem-solving** skills, showcased through projects involving **machine learning**, predictive models, and analysis.
- Effective communicator with experience in presenting complex data to non-technical stakeholders in clear, visually engaging formats.

Technical Skills

Operating Systems:	*Windows 10*
Applications & Tools:	*Microsoft Excel, Azure Sandbox*
Tools:	*Google Workspace, RDBMS, IBM Cognos Analytics, Jupyter, SQLite*
Project Management Fundamentals:	*Agile, Waterfall, Scrum, Kanban, Trello*
Languages:	*SQL, Python*

Education & Certifications

Microsoft Azure AI Fundamentals Professional Certificate   **Expected 2024**

IBM Data Analyst Professional Certificate

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

NPower Canada | Toronto

14-week intensive online training on the fundamentals of computer technology, and project management

- Utilize Excel spreadsheets to perform data wrangling and data mining
- Develop working knowledge of Python language for data analysis using Pandas and Numpy
- Effectively complete a capstone project by collecting data from multiple sources, performing exploratory data analysis, data wrangling, statistical analysis and mining of the data using Python libraries
- Work extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBMs Cognos Analytics and various Excel charts/graphs
- Visualize data using Python libraries including Matplotlib, Seaborn, Plotly and Dash
- Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks
- Explain cloud concepts, benefits of cloud computing and core Azure architecture components
- Use core Azure services and choose the Azure AI services that best address a company's challenges
- Control Azure spending and managing bills by applying recommended practices to minimize cost
- Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques and successfully complete Agile projects using tools such as Scrum, Kanban

Data Science Course   July-September 2024
  BrainStation, Toronto
SQL Essentials Bootcamp   July-August 2024
  LightHouse Labs, Toronto)

Google Data Analytics Professional Certificate   May 2024
    Online, Canada
Data Analytics Bootcamp –   March-April 2024
    FutureTek IT Recruitment, Toronto
Data Analytics Course   June-December 2021
    Nyeri National Polytechnic

Work Experience

Junior Data Entry Analyst
Wymore IT Solutions Ltd, Nairobi, Kenya   January 2022 - June 2023
- Performed accurate data entry in Excel and PostgreSQL for diverse business projects, leading to a 15% improvement in data accuracy.
- Crafted and supervised databases, enhancing data retrieval efficiency by 20%.
- Automated routine data tasks using SQL scripts, reducing manual work by 30% and boosting process efficiency by 25%.
- Orchestrated comprehensive data collection, cleaning, analysis, visualization, and storage, enhancing data-driven decision-making.
- Produced detailed analysis reports for management, facilitating strategic decisions that boosted company performance.
- Authored SQL code for complex data queries and automated routine tasks, reducing manual work by 30%.
- Crafted PowerPoint presentations to create a visual appealing story of my analysis to my managers.

- Leveraged advanced Excel functions, pivot tables, and SQL queries to streamline data analysis and reporting.

Volunteer Experience

Habitat for Humanity Restore, Scarborough, ON   February - June 2024
- Updated Excel sheets to track store inventory, improving tracking accuracy.
- Determined item prices and ensured accurate labeling, contributing to better inventory management.
- Updated Excel sheets to track store inventory, improving tracking accuracy*.*
- Assisted in organizing sales events, enhancing store layout.
- Gained customer service experience assisting visitors who had inquiries about donations and purchases.

Special Projects: Github Profile

1) **Pump it Up (Ongoing):** Using Decision Tree prediction model to give results of all working and faulty water pumps with a given large dataset in Tanzania. Inputting missing categorical values and looking for outliers are the first step of the project.

2) **Formula 1 Analysis:** Comprehensive analysis focused on the performance of F1 drivers and teams across 2021 to 2023 season, providing insights into how drivers perform on different tracks, in various weather conditions, and with different cars. The project includes visualizations like tables and graphs that enhance the storytelling aspect of the data, making it easier to understand and interpret.

3) **Main Campaigns:** Marketing campaign analysis using SQL. Objectives were to: identify the campaigns with high ROI, identifying which campaign had the lowest acquisition cost, analyze the average amount spent and the quantity purchased in sales associated with each campaign to gauge customer buying behaviour, evaluating which interaction type led to the most sales to optimize marketing channels and highest contributing customers across all campaigns**.**