

# Ulrich Silver PIEUME SIME

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**Data Professional**

## PROFESSIONAL SUMMARY

- Detail-oriented Data Analyst with over 3 years of professional IT and data experience, including direct work in data collection, analysis, and visualization for strategic decision-making in a large public sector organization.
- Skilled in creating clear reports, dashboards, and data visualizations using Power BI and Python to communicate KPIs and findings effectively to stakeholders.
- Collaborative team player with strong analytical and problem-solving skills, fluent in English and French to serve a diverse community.

## TECHNICAL SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Plotly for data analysis and visualization), SQL (SQL\*Plus, PL/SQL for querying and database management)
- **Operating Systems:** Windows, Linux, MacOS, iOS, Android
- **Data Visualization & Reporting:** Power BI (proficient), IBM Cognos Analytics, Microsoft Excel (Advanced, including PivotTables, functions for analysis), PowerPoint (for stakeholder presentations)
- **Databases & Tools:** Oracle, MySQL, SQLite, MongoDB, IBM Watson Studio, SSMS, SSMA
- **Data Processes:** Data wrangling, cleaning, pre-processing, statistical analysis, KPI tracking and monitoring
- **Cloud Computing:** IBM Cloud, AWS, Google cloud services, Azure **Project Management:** Agile, Waterfall, Scrum, Trello, ITIL aware
- Driving: Class 5 Driver's Licence with a clean driving record.

**Skills:** Data wrangling and pre-processing, data cleaning, data visualization and dashboarding, statistical analysis, data prediction, storytelling, critical thinking

## EDUCATION & CERTIFICATIONS

### Database Administration Certificate

Southern Alberta Institute of Technology (SAIT) | Calgary, Alberta

September 2025 – July 2026

### Junior Data Analyst Program

NPower Canada | Calgary, Alberta

January 2025 – April 2025

### Microsoft Azure AI900 Professional Certificate

April 2025

### IBM Data Analyst Professional Certificate

April 2025

Coursera

### Microsoft Office Specialist Excel Certificate

June 2019

October 2017 – July 2021

**Bachelor of Science in Computer Science**  
University of Yaounde I | Yaounde, Cameroon

## PROFESSIONAL EXPERIENCE

### Database Analyst

December 2020 - October 2024

Ministry of Secondary Education | Yaounde, Cameroon

- Written strong SQL queries to retrieve, store and manage an SQL database providing results for analysis and decision making.
- Transferred data stored in a MongoDB server to an SQL database ensuring data integrity, security policies and compliance with the systems granting new access to authorized users.
- Analyzed teacher database using advanced Excel to determine the best performing teachers for automating the process of promoting them to a higher role, reducing manual effort by 70%.
- Used analytics results to strategically redistribute teachers, ensuring equitable distribution and balanced workloads which improved national student results.
- Managed Database giving access, security resources by implementing role-based access and backing up data on dedicated SQL Server on Azure, monitoring database performance and optimization for increase throughput.
- Utilized Power BI to create realistic data visualizations, enabling clearer interpretation of trends, patterns, and (KPIs) on the educational platform for informed decision-making.
- Conducted research and analysis on student progress presenting findings and insights to the senior staff in the form of reports and presentations to improve user experience of the platform.

## VOLUNTEER EXPERIENCE

### Distribution Role

November 2024 - Present

Calgary Food Bank | Calgary, Alberta

- Demonstrate strong organizational skills and empathy in a fast-paced, community-service environment.

## PROJECTS

### Report Card Management System

July 2019 - February 2020

- Designed and implemented an Excel-based application to digitalize student result management.
- Automated calculations and ranking, reducing errors by 90% and improving processing time by 50%.
- Developed a student registration module to provide staff with accurate, real-time data, boosting productivity.