
Profile Summary

Data analytics and machine learning professional with 4+ years of experience across diverse industries, including services, consumer brands, med-tech, education, transportation, logistics, predictive maintenance, and weather sectors. Skilled in building data pipelines and translating data into actionable insights for strategic decision-making. Proficient in SQL and Python programming to build web apps with advanced APIs.

Professional Experience

Health Science North, Canada**[Jul '24 – Present]***Decision Support and Reporting Department – Data Analyst*

- Managed quality assurance, data integration, and performance metric development to maintain high data standards and support evidence-based decision-making.
- Extracted and analyzed complex datasets to provide actionable insights, automate processes, and drive efficiency in clinical and business intelligence systems.
- Led data initiatives and provided expert guidance on Health System Funding Reforms, aligning reports and performance indicators with organizational strategy.

Cambrian College of Applied Arts and Technology, Canada**[Nov '23 – Apr '24]***Research Department – Specialist Program Performance Strategy.*

- Optimized algorithms to cut report generation time by 75%, reducing processing from 4 months to 1 week and enhancing data accuracy through remodeling for Power BI dashboards.
- Developed scalable Flask-based reports and dashboards for program evaluation used by key stakeholders.

Sofvie Inc. Consulting, Canada**[May '23 - Aug '23]***Data Analytics Team – Research Assistant*

- Developed web app dashboards to optimize report generation with live KPI monitoring in the mining and health sector.

NorthStarDoc Med-Tech, USA**[Jun '22 - Aug '22]***IT Department – Software Implementation*

- Implemented Selenium-based automation to streamline profile creation while overseeing multi-region facility data migration, boosting conversions through referral data insights.

iDeas Unlimited & SixthFactor Consultancy Dubai, UAE**[May '21 - Jun '22]***Market Research Department – Social Listening*

- Led advanced NLP initiatives for qualitative insights and introduced a Twitter pipeline for ongoing social media data analysis.

Education

Cambrian College of Applied Arts and Technology Sudbury, CA**[Sep '22 – Apr '24]**

- Project Management Graduate Certificate
- Business Analytics Graduate Certificate

International Institute of Information Technology Bengaluru, IN**[Jun '21 – Jun '22]**

- Post Graduate Diploma in Data Science Certificate

St. Xavier's College Autonomous Mumbai, IN**[Aug '18 – May '21]**

- Bachelor's Degree in Sociology

Technical Skills: Python, Machine Learning, Pandas, SQL, Flask, Streamlit, TensorFlow, Huggingface, MS SQL Server, SSRS, SQLite, MySQL, PostgreSQL, SQLAlchemy, Power BI, Tableau, MS Excel, MS Project, Agile Project Management, Git

Projects

Solutions Developer – Data Analyst (Facility Maintenance) | Mohawk College - City of Hamilton

Evaluate climate change's impact on facility operations' vulnerability to extreme weather, analyze data, and propose maintenance strategies. Developed an app that helps identify at-risk assets based on weather forecasts and FCI.

Data Analyst (Ontario College Student Experience) | Cambrian College

Led a team in developing a Flask application that reports student survey results from all over Ontario. We used SQLite to store the data and built a custom front end for the college stakeholders. The survey results would be automatically through an API.