

DAIVIK PELATHUR

Toronto, Ontario | +1 (647) 459-0245 | daivik.g.pelathur@gmail.com | [LinkedIn](#) | [GitHub](#) | daivik-pelathur.com

SUMMARY

Data Analyst with a Graduate Certificate in AI & Machine Learning and hands-on experience building ETL pipelines, BI dashboards, and data governance frameworks in cloud environments. Skilled in translating complex datasets into actionable business insights using SQL, Power BI, and Azure Databricks. Proven ability to deliver measurable results — from reducing report compilation time by 40% to improving data quality scores to 0.816 — across banking, transit, and healthcare domains.

SKILLS

Analytics & Reporting: SQL, Power BI, Tableau, DAX, Excel, KPI Dashboard Design, Financial Reporting Automation

Data Engineering: ETL/ELT Pipelines, Azure Databricks, Apache Spark, Python (Pandas, NumPy), REST APIs

Business Analysis: Requirements Elicitation, Stakeholder Workshops, Gap Analysis, BPMN, User Stories, UAT

Governance & Compliance: PIPEDA, PHIPA, AODA, Data Quality Validation, Risk Controls, Regulatory Reporting

Cloud & Tools: Microsoft Azure, GitHub, Jupyter Notebook, FastAPI

PROFESSIONAL EXPERIENCE

Cloud Data Associate | **Accenture** | India 2023 – 2024

- Orchestrated large-scale ETL pipelines using Azure Databricks, improving data processing efficiency for enterprise clients by 35%.
- Collaborated with senior data scientists to deploy production-scale ML models within the Azure ecosystem, ensuring architectural integrity and data security standards.
- Optimised SQL-based data management strategies across big data repositories to support real-time analytics and executive reporting.

Data Analyst Intern | **Sumeru Global Technologies** | India 2022

- Automated recurring financial and operational reporting using Power BI and Python, eliminating 20+ hours of manual effort per week.
- Designed KPI dashboards enabling business teams to identify performance gaps and allocate resources more effectively.
- Improved reporting accuracy through structured data validation and transformation workflows.

Freelance Web & Data Implementation Specialist | **Remote** | 2020 – 2023

- Delivered end-to-end digital implementations for 10+ international SMEs, integrating REST APIs and structured data workflows supporting analytics-ready platforms.
- Achieved 150% growth in organic visibility for client assets through data-informed technical optimisation.

EDUCATION

Graduate Certificate Artificial Intelligence & Machine Learning | **Lambton College** | Toronto | 2024 - 2025

Bachelor of Technology Computer Science Engineering | **SRM University** | India | 2019 2023

PROJECTS & APPLIED WORK

Aequitas-Fin | Financial Data Retrieval & Reporting Automation Jan 2026 – Present

AI-powered financial document analysis pipeline

- Engineered automated ETL pipelines processing 500+ financial reports, reducing data retrieval latency and improving accessibility for executive-level analytics.
- Implemented structured layout parsing and title-aware chunking to accurately extract complex financial tables — achieving a 0.816 data quality benchmark score.
- Built validation and similarity benchmarking frameworks to ensure grounding and accuracy of downstream analytical outputs.

Student Success Bank (SSB) — Synthetic Data Generation Framework 2024 – 2025

Lambton College Work Integrated Learning

- Elicited 36 financial behaviour requirements from stakeholders to design a multidimensional schema modelling international student creditworthiness.
- Developed a privacy-preserving synthetic dataset aligned with PIPEDA, enabling credit risk validation where historical data was unavailable.
- Produced full data specifications and supported UAT workflows for regulatory-compliant financial analytics.

Winnipeg Transit — BI Operations Optimisation

2024 – 2025

Lambton College Work Integrated Learning

- Analysed ridership logs and complaint data using Power BI and Tableau to surface overcrowding hotspots and scheduling inefficiencies, cutting report compilation time by 40%.
- Developed a diagnostic roadmap correlating external variables (weather, municipal events) with route delays, delivering actionable insights for public-sector resource allocation.

STEM Fellowship — Healthcare AI & Cognitive Assessment

2024 – 2025

- Translated complex medical assessment requirements into an ML framework that reduced assessment burden by 73% while achieving 94% diagnostic accuracy for cognitive decline detection.
- Ensured all data modelling workflows adhered to PHIPA and ethical AI standards; co-authored a research manuscript documenting methodology for clinical stakeholders.

MapleFlix — Content Recommendation & Churn Analytics

2024 – 2025

- Built a multi-layered analytical framework (Behavioural, Content, Predictive) achieving 88% churn prediction accuracy, supporting a strategic case to reduce subscriber churn by 25%.
- Translated model performance metrics into a business narrative for non-technical leadership to justify investment in AI-driven personalisation.