

# DAIVIK PELATHUR

Toronto, Canada | (647)-459-0245 | [Gmail](#) | [LinkedIn](#) | [Project Portfolio](#)

Proficient in Data Visualization, Reporting, Dashboarding, and Insight analysis with a Computer Science Engineering background and hands-on experience in Python, SQL, Excel, Power BI, and Tableau. Honing strong analytical skills, decision-making, and problem-solving abilities with a learning mindset and proactive approach.

## TECHNICAL SKILLS

- |                          |                  |              |                      |
|--------------------------|------------------|--------------|----------------------|
| • Power BI Desktop       | • Advanced Excel | • Tableau    | • Data Modelling     |
| • Power BI Service       | • SQL            | • Big Query  | • Data Visualization |
| • Power Query (M- Query) | • MySQL          | • Python     | • Data Cleaning      |
| • DAX                    | • SQL Server     | • Databricks | • Data Storytelling  |

## WORK EXPERIENCE

### Packaged App Developer | Accenture Pvt Ltd, Kolkata

01/2023 – 07/2023

- Managed client's high-volume accounts receivable with a 95% collection rate and a 20% reduction in outstanding.
- Optimized ETL/ELT pipelines using Azure Databricks, improving data processing efficiency by 20%.
- Automated workflows and used Spark SQL to transform and analyze large datasets for BI solutions.

**Tools used:** Azure Databricks, SQL, Python

### Data Analyst Intern | Sumeru, Bengaluru

06/2022 – 07/2022

- Compiled data from the client in raw Excel format or from SharePoint; increased analysis by 50% by using pivot table & Vlookup.
- Designed power bi dashboard for financial claims portfolio of 200+ client accounts to review the KPI; results in 25% improvement in collection rates and 30% reduction in claim denial rates, leading to faster revenue recognition

**Tools used:** Power BI desktop, Power BI service, Power query, DAX function, Vlookup, Pivot Table

## PROJECTS

### CIBC Quarterly Report Classification AND CIBC AI Assistant | Python

- CIBC Quarterly Report Classification:** Leveraged NLP techniques for accurate classification of dense financial data with an integrated chatbot for interactive querying. [Link](#)
- CIBC AI Assistant:** Utilized regression models on 2023-2024 financial reports to predict Q3 2024 metrics, with a chatbot. [Link](#)

### Student Data Visualization | Python | [Link](#)

- Developed an interactive student data visualization dashboard using Plotly Dash.
- Built an AI-powered predictive model (88% accuracy) using Artificial Neural Networks (ANN) to forecast first-year student persistence.

### World Population Analysis | Power BI, Excel | [Link](#)

- Developed an interactive Power BI report analyzing global population data from 1970 to 2022.
- Designed dynamic visuals (maps, charts) to showcase demographics & growth patterns.
- Utilized DAX measures for real-time insights on country-wise population trends.

### Toronto Traffic Collision – Kaggle Competition | Python, Excel | [Link](#)

- Developed and optimized classification models with EDA, preprocessing, and feature scaling.
- Enhanced model performance using Grid Search CV, boosting recall from 0.55 to 0.88 and achieving 90.3% accuracy.
- Ranked 4th in a Kaggle competition

### Ecommerce Sales Analysis | SQL | [Link](#)

- Prepared dashboard to compare revenue distribution, KPIs, and sales trends between 2 selected regions of sample superstore.
- Increased sales by 45% on first orders of Central & East region; analyzed by using charts, filter, calculated fields & parameters.

## EDUCATION

### Postgraduate in Artificial Intelligence and Machine Learning

05/2024 – Present

Lambton College

- GPA: 3.2, over 20 hands on projects using Python, Power BI and advanced Artificial Intelligence and Machine Learning concepts

### Bachelor of Technology in Computer Science with specialization in Big Data Analytics

07/2019 – 05/2023

SRM Institute of Science and Technology

- GPA: 9.0, 2 Research Papers – Prediction of fisheries spoilage, Blockchain in Ecommerce [Link](#)

## ACHIEVEMENTS

- PCEP Certified
- Linkedin Learning: SQL Essential Training, SQL for Data Analysis, Data Engineering Foundations
- Google Analytics: Build a Data Warehouse with Big Query Skill Badge
- Coursera Certifications: Machine Learning Foundations
- Participated in NASA Hackathon 2024