

Ripanpreet Kaur

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PROFESSIONAL SUMMARY & QUALIFICATIONS

- 4th year Computing Science student with a strong foundation in data analysis, machine learning, and data visualization.
- Experienced in collecting, cleaning, and interpreting data to support evidence-based decision-making.
- Proficient in **SQL, Python** (pandas, NumPy, scikit-learn, seaborn), and tools like **Tableau and Power BI, Excel**.
- Skilled in Microsoft Project, and advanced Excel for creating and updating project schedules. Experienced in using SQL, Tableau, and Power BI for analytical reporting.
- Proficient in Python (NumPy, pandas, scikit-learn), Flask, OpenCV, and database systems like MySQL and Firebase for designing full-stack and analytical applications.
- Proficient in Microsoft Office Suite (Excel, Word, PowerPoint), SharePoint, and SQL for documentation, reporting, and workflow management.

EDUCATION AND TECHNICAL PROJECTS

Computing Science Bachelor Program

Thompson Rivers University

GPA 3.59/4.33

Sep 2022 - Dec 2026

Kamloops, BC

Relevant Projects:

Cosmetics Sales Analysis (Machine Learning) — Individual Project

- Cleaned and explored a public cosmetics-sales dataset in Python.
- Built clear charts (bar, line, heat maps) to spot best-selling shades and price points.
- Trained k-NN and decision-tree models that predicted product demand with ~90 % accuracy.
- Used **Excel pivot tables, conditional formatting, and lookup functions** to summarize trends and support data cleaning.

Face-Recognition Attendance System — Individual Project

- Utilized OpenCV and a webcam to detect faces in real time and tell if the user is known or unknown.
- Stored attendance records for recognized users in an SQLite/MySQL database.
- Designed a simple Flask web interface that shows live video, match status, and daily attendance logs.
- Documented project phases and usage guides using Microsoft Word and SharePoint.

TrendHive E-Commerce Website — Team Project (2 Members)

- Built an online shopping site called TrendHive with a partner; handled full stack from product listings to checkout.
- Created a voice chatbot (Web Speech API + Dialogflow) for shoppers to ask for deals or track orders by speaking instead of typing.
- Set up user-auth and order history, then logged site events to Firebase Analytics for future sales insights.
- Presented project reports in PowerPoint and maintained version control using SharePoint.

VOLUNTEER EXPERIENCE

Peer-to-Peer Tutor (Machine learning Course) | TRU (Kamloops, BC)

Sep 2024 - Dec 2024

- Led small study sessions before quizzes and exams, explaining Python, SQL, and basic machine-learning ideas in plain language.
- Utilized Python (pandas, NumPy, scikit-learn) to build models such as k-NN, decision trees, and linear regression.
- Practiced showing results with easy-to-read charts (Matplotlib, Tableau) and explaining them in plain language.

WORK EXPERIENCE

Customer Service Representative | Petro Canada (Kamloops, BC)

Feb 2025 - Present

- Deliver fast, friendly service to 150–200 customers per shift, using strong interpersonal and communication skills to ensure positive experiences.
- Maintain 99.8% till accuracy by carefully balancing daily cash/card totals within \$2.
- Enter daily sales and stock counts into Excel, providing management with quick, organized overviews—demonstrating effective time management.

- Create weekly bar and line charts highlighting top-selling items, helping the team focus promotional efforts strategically.