

Fernando Gonzalez

Burnaby, BC V5A1G7

+12368773010

fernandoposadas17@gmail.com

WWW: Bold Profile

Driven by a passion for data integrity and efficiency, I spearheaded a personal project to develop a fraud detection system, showcasing my expertise in SQL and data analysis. My innovative approach to utilizing Python for web scraping and creating dynamic web applications has significantly enhanced operational workflows and decision-making processes, demonstrating my technical acumen and problem-solving skills.

Skills

- SQL (Database Management, Queries, JOINS, Data Manipulation)
- Python (Web Scraping, Data Processing)
- Database Design and Management (Relational Databases, Data Integrity)
- Report Generation (Insights Summarization, Data Presentation)
- Data Analysis (Data Aggregation, Data Cleansing, Trend Analysis)
- Data Visualization (Tableau, Dashboards, Reporting)
- Data Cleaning and Preprocessing (Date Formatting, Value Normalization)

Websites, Portfolios, Profiles

- <https://fernandog17.github.io/>
- www.linkedin.com/in/fernando-gonzalezp
- <https://github.com/FernandoG17>

Personal Projects

Fraud Detection System

Personal Project, Burnaby, BC

Developed a **data-driven fraud detection system** using **SQL databases** and **data analysis techniques** to identify fraudulent credit card transactions. Implemented **SQL joins** across multiple tables (transaction, customer, fraud, and card information) for comprehensive transaction analysis. Enhanced transaction monitoring by utilizing **data visualization** for reporting and risk assessment, improving the detection of suspicious activities and reducing fraud risks.

BC Rent Tracker

Burnaby, BC

Created a **web scraper** using **Python** and **BeautifulSoup** to track rental prices across the **Lower Mainland** in **BC**, Canada. Utilized **SQL** for efficient data storage and querying. Developed an **interactive dashboard** in **Tableau** for visualizing trends in rental prices, providing valuable insights into the rental market and enabling better decision-making for both tenants and landlords.

Cafe Order Management System

Burnaby, BC

Built a **dynamic web application** for a **cafe order management system** using **PHP, MySQL, and JavaScript**. Integrated **user authentication** and **real-time order tracking** features. Designed a streamlined order process that improved customer experience and operational efficiency. Utilized **data analysis** to track order trends, helping the cafe optimize inventory and sales strategies. Each of these descriptions is concise but highlights the core technologies and methodologies used in each project, with a focus on relevant skills like **SQL, Python, data analysis, and data visualization**. Let me know if you want to add anything or make adjustments!

Education

Langara College at Vancouver, BC

Associate of Applied Science in Computer Science January 2025

Languages

English



Spanish



French

