

ADITYA L

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SUMMARY

Analytical and results-driven Data Analyst skilled in transforming complex datasets into actionable business insights. Proven ability to design and implement data-driven solutions, optimize processes, and collaborate cross-functionally to align technical solutions with business objectives. Experienced in SQL, data visualization, and API integrations, with a passion for enabling data storytelling to drive strategic decisions.

SKILLS

Business Intelligence: Data Modeling, KPI Development, Insight Reporting, Stakeholder Engagement

Data Analysis & Visualization: SQL (Postgres, T-SQL), Power BI, Tableau, Looker, Python (NumPy, Pandas)

Productivity Tools: MS Office Suite (Excel, PowerPoint, SharePoint, Word, Teams, Visio), JIRA, Google Sheets

Programming: Python, Java, JavaScript, HTML/CSS

Developer Tools: Flask, Streamlit, Bootstrap, Git, Azure, Google Analytics

WORK EXPERIENCE

iTOTEK ANALYTICS

Vancouver, BC

Software Developer/Data Analyst

April 2023 – April 2024

- Collaborated with cross-functional teams to launch a client-focused **data visualization** tool, cutting report creation time by 50% and improving KPI tracking through impactful data storytelling.
- Built dynamic **Power BI** dashboards to analyze ESG metrics, driving a 25% improvement in data-informed decisions for stakeholders by presenting accessible insights.
- Enhanced **SQL** database performance by 15%, accelerating query execution for high-priority applications, resulting in faster data retrieval for mission-critical reporting.
- Designed **Python** tools to automate data analysis and visualization, delivering actionable insights that aligned with client objectives and accelerated project timelines.
- Led A/B testing on machine learning-based Python app, providing actionable recommendations that boosted user engagement by 35%.

TRINITY WESTERN UNIVERSITY

Langley, BC

Academic Technology Advisor

September 2022 – December 2022

- Delivered data-driven recommendations to faculty for designing engaging learning experiences, boosting teaching effectiveness by 30%.
- Generated user behavior insights for BUSI 411 courses, aligning technology solutions with curriculum goals for optimized learning experiences.

PROJECTS

SOCIAL ART ONLINE

[GitHub](#)

- Developed back-end architecture for art gallery website, featuring 30K+ artworks following agile methodology.
- Implemented Flask REST API endpoints, reducing client-server response time by 10%.
- Optimized MySQL database with stored procedures, improving query performance by 20%.

VANCOUVER CRIME API

- Designed an Express API with PostgreSQL for real-time access to open-source Vancouver crime statistics, improving data availability by 90%.
- Optimized REST API integration with back-end databases, boosting data retrieval and storage efficiency by 40%.
- Verified and tested API endpoints using Insomnia, ensuring optimal performance and accuracy of web services.

EDUCATION

TRINITY WESTERN UNIVERSITY

Langley, BC

Bachelor of Science

Sep 2019 – May 2023

Major in Computer Science

Selected Coursework: Software Engineering, Data Structures & Algorithms, Databases, System Design, Business Analysis, UI/UX Interaction Design, Linear Algebra