

AZARM PIRAN

Business Intelligence and Analytics Engineer

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Greater Vancouver Area, BC, CANADA

Business Intelligence and Analytics Engineer with experience building end-to-end data solutions, including data modeling, ETL dataflows, and designing scalable data and analytics solutions across enterprise environments. Bridging the gap between business needs and technology to deliver reliable solutions, meaningful insights, and operational improvements.

SKILLS

- > ETL / ELT Dataflows, Data Warehousing, Dimensional Modeling, Star Schema, Snowflake Schema, Galaxy Schema, Data Modeling, Data Quality and Validation, Semantic Models, Data Integration
- > SQL Server, T-SQL, Stored Procedures, Views, Query Optimization, Database Design
- > Dataflows Gen1, Power BI, DAX, Power Query, QlikView, Tableau, Crystal Reports

PROFESSIONAL EXPERIENCE

Now
February 2024

Business Intelligence Analyst, Doman Building Materials, Vancouver, CANADA

- > Designed and implemented the organization's first end-to-end Power BI solution, architecting a scalable galaxy schema with multiple fact tables and shared dimensions to unify financial data across multiple ERP systems and enable advanced cross-domain financial analysis previously unavailable.
- > Design and develop an end-to-end price management automation solution to replace manual Excel based pricing processes with a scalable data-driven workflow. The current process requires business users to manually collect supplier price files, apply pricing adjustments and adders, and generate customer-ready pricing documents, resulting in time-consuming updates and maintenance challenges. To solve this challenge, I am designing the underlying data architecture from the ground up, including database structures, data models, and transformation workflows to create a centralized pricing system. This solution aims to improve data quality, automate complex pricing calculations, reduce manual maintenance, and enable faster business decisions.
- > Within the first two months of employment, I developed a web-based barcode scanning application from scratch, replacing manual workflows and delivering a solution adopted by multiple branches across Canada to improve operational efficiency.
- > Develop and maintain enterprise QlikView applications, delivering new dashboards from the ground up and enhancing existing solutions to support evolving business requirements across multiple departments.

MS SQL Server Power BI Power BI Service DAX Power Query Data Modeling Dimensional Data Modeling
Semantic Layer ETL/ELT Dataflow Data Integration Python C QlikView JD Edwards Text Processing Techniques
Dataflow Gen1 Power BI Paginated Reports (Power BI Report Builder)

December 2023
March 2022

Business Intelligence Developer, DATAPOTION Analytics Inc., Vancouver, CANADA

- > Worked in a consulting environment at DataPotion Analytics, delivering data solutions across diverse industries including banking, sales, human resources, agriculture, and mining, adapting quickly to different business models, data structures, and reporting needs.
- > Performed data preparation and transformation using SQL and Power Query to integrate, clean, and structure datasets for business intelligence reporting and analysis.
- > Collaborated with clients across diverse technology environments, adapting to different BI tools, reporting platforms, and analytics ecosystems to design and deliver effective solutions aligned with business needs.

MS SQL Server Power BI Tableau Power BI Service DAX Power Query Data Modeling Dimensional Data Modeling
Semantic Layer ETL/ELT Dataflow Data Integration Python C QlikView Dataflow Gen1

March 2018	SQL Server Developer, Taksaran Parmiss FMCG Wholesaler, Tehran, Iran
August 2016	> Developed, maintained, and optimized SQL queries, stored procedures, views, functions, and scripts to support business operations and analytics requirements. Collaborate with cross-functional teams to understand business needs, troubleshoot data-related issues, improve query performance, and ensure data integrity and reliability. > Developed and maintained Crystal Reports for operational and analytical reporting needs, delivering accurate, timely, and user-friendly reports to support business decision-making.
	SQL Server Crystal Report Microsoft Office

EDUCATION

August 2021	British Columbia Institute of Technology, VANCOUVER, BC, CANADA
September 2019	> Associate's Degree Certificate in Applied Data Analytics
July 2019	University Canada West, VANCOUVER, BC, CANADA
April 2019	> MBA Foundation, Business Administration and Management
August 2016	Azad University, South Tehran Branch, TEHRAN, Iran
August 2011	> B.S. in Computer Engineering

CERTIFICATION

- > PCEP – Certified Python Programmer | Credential ID : 715470