

MOJTABA PEYROVIAN

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[LinkedIn profile](#) , [GitHub](#)

SUMMARY

Results-driven Business Intelligence and Data Specialist with over 5 years of experience in designing, developing, and deploying high-impact Business Intelligence solutions. Adept at data visualization, ETL pipelines, and collaborative problem-solving in Agile environments. Proficient in Power BI (including data modeling, DAX, M Query, and performance tuning), SQL, and Python. Proven track record in delivering intuitive dashboards, wireframes, and analytics that drive data-based decisions for global teams. Known for detail-oriented, assertive communication and an ability to thrive in fast-paced, high-pressure scenarios..

SKILLS AND QUALIFICATIONS

Applications | Power BI (Data Modeling & Transformation, Visualization & Reporting, Design Best Practices & Scalable Analytics, Performance Optimization, Security & Governance, Automation & DevOps, Integration & Connectivity, Collaboration) • Microsoft Fabric (OneLake, Data Factory, Data Engineering, Data Science, Data Warehousing, Real-Time Analytics, Power BI Integration) • Power Automate • Microsoft SQL Server (DBMS, SSIS, SSAS, SSRS) • Azure Analytics Stack (Synapse Analytics, Data Factory, Data Lake Storage, Fabric)

Programming Languages & Frameworks | SQL (T-SQL, PL/SQL, complex queries, window functions, query optimization) • DAX (complex measures, performance tuning) • MDX • M Query • Python (pandas, matplotlib, seaborn, plotly, scikit-learn, Statsmodels, REST APIs) • R (statistical modeling, data visualization) • C++ • C# • Java (Spring, Play) • JavaScript (React, D3.js) • PHP • HTML • CSS • Scala • VBA.

Platforms | • Azure • AWS • Snowflake • Oracle • SAP

Operating Systems | Windows • Windows Server

Other Tools | MS Office (Word, Excel, PowerPoint, Access) • MS Project • MS Visio • Jira • Confluence • Git • GitHub • Azure DevOps • Data Profiler Tools • PowerShell for automation • Visual Studio • VS Code • IntelliJ • PyCharm • Jupyter Notebook • R Studio • SQL Profiler • Jenkins • Docker • Kubernetes

Methodologies & Concepts | Data Science • Data Visualization • Business Intelligence • Dimensional Modeling (Kimball) • Performance Tuning (query, partitioning, indexing strategies, semantic model optimization) • DevOps • CI/CD Pipelines • Agile (Scrum) • Requirement gathering and documentation • Stakeholder Management • PMBOK • BABOK • Data Structures and Algorithms • Operations Research • Statistics & Probabilities • Machine Learning • Statistical Analysis • Time Series Analysis

Domain Experience | Familiarity with Spatial (geospatial analytics, mapping) Aviation Data (operational metrics, turbulence event analysis, schedule data) • Financial (cost analysis, KPIs, forecasting, Insurance) • Retail (sales performance, inventory optimization)

Languages | English – Advanced • French – Intermediate

Soft Skills | Problem-solving, teamwork, adaptability, oral and written communication, critical thinking, commitment to continuous learning, time management, attention to detail, and the ability to work effectively under pressure.

Certifications

• [Microsoft Certified: Fabric Analytics Engineer Associate](#) • [Microsoft Certified: Power BI Data Analyst Associate](#)

WORK EXPERIENCE

Intern in Aviation Data Analytics

June 2024- Present

International Air Transport Association (IATA), Montreal, Quebec

Responsibilities:

- Developing sophisticated aviation analytics dashboards in Power BI, transforming raw aviation and spatial datasets into actionable insights on operational trends, safety metrics, and performance benchmarks.
- Utilizing SQL, Python, and R to analyze large-scale aviation and geospatial data, identifying patterns that enhanced data integrity and informed strategic decision-making.
- Collaborating with cross-functional teams to design robust, scalable data models that supported key initiatives, ensuring data-driven decision support.
- Implementing comprehensive data quality checks and KPI monitoring dashboards, maintaining accuracy and reliability in critical aviation and spatial data repositories.

Achievements:

- Created a Turbulence Aware BI dashboard in Power BI, integrating aviation and spatial data to provide real-time, actionable insights that improved safety assessments and operational responses.
- Developed a Power BI dashboard to track the progress of Data Engagement programs, enabling stakeholders to evaluate the effectiveness of aviation data initiatives and identify areas for continuous improvement.
- Conducted thorough data quality assessments on aviation and spatial datasets, strengthening trust in analytical outputs and supporting more informed strategic planning.

Core Competencies:

- Critical thinking, problem-solving, adaptability, and effective teamwork in data-centric, cross-functional environments.

- Proficient in data analysis, data warehousing, and ensuring high data quality, with a focus on aviation and spatial datasets.
- Expertise in designing, optimizing, and deploying Power BI solutions (Power BI Service, semantic models, dataflows, deployment pipelines, performance tuning).
- Skilled in working with cloud-based databases (Snowflake, Athena) to support scalable, high-performance data ecosystems.
- Programming proficiency in SQL, Python, R, DAX, and M Query for advanced analytics, statistical modeling, and geospatial data manipulation.

Business Intelligence Developer

Bun Group, Tehran, Iran

Oct 2021 - Oct 2022

Responsibilities:

- Designed and built data warehouses using dimensional modeling and the Kimball methodology, enabling efficient, scalable analytical workflows.
- Developed and maintained robust ETL pipelines with SSIS, ensuring reliable, high-quality data integration from diverse sources.
- Optimized OLAP database performance in MS SQL Server environments, including fine-tuning SSAS cubes for accelerated query response times.
- Created and published interactive dashboards in Power BI and Report Builder, leveraging Power BI Report Server for secure enterprise distribution.
- Provided end-to-end technical support, collaborating with stakeholders through development, testing, implementation, and maintenance phases of BI solutions.

Key Achievements:

- Developed a financial data mart using MS SQL Server, improving the accuracy, speed, and accessibility of financial reporting.
- Created dynamic sales dashboards, empowering management to quickly identify trends, measure performance, and optimize sales strategies.

Core Competencies:

- Critical thinking, problem assessment, analysis, and effective teamwork in cross-functional environments.
- Proficiency in Power BI, MS SQL Server, SSIS, SSAS, and SSRS, enabling end-to-end BI solution delivery.
- Skilled in SQL, DAX, MDX, M Query, and Python for advanced data manipulation, modeling, and analytics.

Business System Analyst, reporting and analytics.

Sarmad Insurance, Tehran, Iran

May 2018 - Oct 2021

Responsibilities:

- Developed and delivered Power BI reports and interactive dashboards, effectively communicating insights to decision-makers and improving data visibility.
- Conducted comprehensive data analysis to uncover patterns, trends, and insights, guiding data-driven decision-making processes.
- Utilized SQL to efficiently gather, cleanse, and integrate data from multiple sources, maintaining high standards of data quality and accuracy.
- Monitored and analyzed key performance indicators (KPIs) to support proactive, strategic decision-making across various business units.

Key Achievements:

- Designed and deployed operational and sales BI dashboards, enhancing transparency and enabling faster, more informed decisions.
- Built a sales network performance dashboard, empowering stakeholders to identify opportunities for growth and performance optimization.

Core Competencies:

- Critical thinking, problem assessment, analytical skills, and teamwork, ensuring cohesive and effective project execution.
- Proficiency in Power BI and Microsoft Excel, enabling the creation of insightful, data-driven visualizations.
- Skilled in SQL, DAX, M Query, and VBA for robust data manipulation, modeling, and automation.

Education

Master of Applied Computer Science

2024 - 2025 (Expected)

Concordia University, Montreal, QC

- Relevant Courses: Distributed System Design, Problem Solving and Programming, Advanced Programming Practices

Graduate Diploma in Computer Science

2022-2023

Concordia University, Montreal, QC

- Relevant Courses: Advanced Programming • Operating Systems • Data Structures •Database Systems Design

Bachelor of Science in Industrial Engineering

2012-2017

K. N. Toosi University of Technology, Tehran, Iran

- Relevant Courses: Management Information Systems • Operations Research • Engineering Economics • Statistics & Probabilities

References available upon request.