

Reza Zare

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SUMMARY OF QUALIFICATIONS

Data analyst with 5+ years of experience in data exploration, preprocessing, statistical modeling, and applied machine learning—gained through both academic research and industry-adjacent roles. Skilled in extracting actionable insights from large datasets using Python, SQL and Excel. Strong background in data cleaning, data visualization, feature engineering, and predictive modeling with a focus on accuracy and clarity. Adept at communicating complex findings through dashboards, reports, and presentations. Committed to continuous learning and translating data into real-world impact.

EXPERIENCE

✓ **Junior Data Analyst | Bishop's University, QC, Canada | 05/2022 - 04/2023**

- Helped collect, clean, and organize data from different sources using SQL and Excel.
- Supported simple data analysis tasks to find patterns and summarize key information.
- Assisted in creating basic charts and reports to help staff and faculty understand the data.
- Checked data for errors and made sure it was accurate and consistent.
- Worked closely with the team to document steps taken and keep records of the work.

✓ **Computer Systems Technician | Medrick Company, Tehran, Iran | 04/2016 - 03/2021**

- Queried internal databases using SQL to extract and analyze system data for monitoring, reporting, and troubleshooting purposes.
- Supported log analysis and error tracking processes, helping identify root causes of recurring system issues.
- Created and maintained Excel-based reports and dashboards to track system usage, performance metrics, and support ticket trends.

HARD SKILLS

- **Programming Languages & Tools:** Python, R, SQL, Git, GitHub, Jupyter Notebook, Excel, PowerPoint, Google Sheets
- **Python Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly
- **Data Analysis & Processing:** Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering, Data Wrangling, Data Collection, Data Preprocessing
- **Statistical & Machine Learning Methods:** Hypothesis Testing, Regression Analysis, Classification, Time Series Analysis, Model Evaluation, Statistical Learning, Deep Learning (Neural Networks)
- **Data Visualization & Reporting:** Tableau, Power BI, Matplotlib, Seaborn, Plotly, Excel Dashboards
- **Databases:** MySQL, SQL Server – Querying, Data Extraction, Basic Administration

EDUCATION

✓ **Master of Science: Computer Science | Bishop's University | Sherbrooke, QC, Canada | 04/2023**

- **Graduate Teaching Assistant:** SQL assignment and project grading for a graduate-level database course
- **Workshop Instructor:** Taught a 1-day workshop on data analysis with Pandas and NumPy
- **Relevant Coursework:** Data Mining, Software Engineering, Machine Learning, Statistical Learning, Deep Learning, Artificial Intelligence, Database Design, Image Analysis, Programming for Data Analysis

✓ **Bachelor of Science: Software Engineering | Azad University | Bandar Abbas, HO, Iran | 12/2014**

- Collaborated with developers to improve data collection workflows, optimize reporting pipelines, and automate routine system tasks.
- Assisted in validating data accuracy and consistency across updates, patches, and user reports to ensure reliable system performance.
- Participated in cross-functional meetings, providing data insights to support technical decision-making and operational improvements.

LANGUAGES

- **Persian:** Native Language
- **English:** Bilingual Proficiency
- **French:** Working Proficiency
- **Spanish:** Limited Proficiency

PROFESSIONAL CERTIFICATES

- Google | [Data Analytics](#) | 2022
- Google | [Advanced Data Analytics](#) | 2023
- Google | [Crash Course On Python](#) | 2023
- Google | [Crash Course On Git/Github](#) | 2023
- Stanford - deeplearning.AI | [Machine Learning](#) | 2023

PROJECTS

Data Analytics Portfolio

End-to-end data analytics and machine learning portfolio with real-world projects. Includes EDA, classification, regression, NLP, and deep learning applications — each with source code, documentation, and visuals.

 [View Portfolio on GitHub](#)

SQL Data Portfolio

A dedicated collection of SQL-based data exploration and cleaning projects. Showcases advanced SQL techniques such as joins, CTEs, window functions, data wrangling, and database optimization through real datasets like COVID-19 and global layoffs.

 [Explore SQL Projects](#)

User Management System (Python)

A modular, file-based CLI application for user authentication, activity logging, personalized to-do lists, and interactive games. Highlights include file handling, JSON-based storage, logging, and modular code architecture — ideal for showcasing back-end logic in Python.

 [View Project Code](#)