

HENRI AGHAEI

San Jose, California, USA | henriaghaei@gmail.com | 669 292 8968

Highlights of Qualifications:

- 9+ yrs of experience in Data role.
- 2+ yrs of experience in Data Science and 7+ yrs of experience in Data Analysis.
- 2+ yrs of experience in Insurance firm.
- Strong skills in SQL, Python, and R.
- Hands on experience with Python Scripting.
- Advanced skills in SQL (SSMS), HQL (Hue: Hive and Impala), MySQL, Oracle, and other dialects.
- Extremely passionate about data & testing (A/B experimentation test, etc.)
- Understanding of statistics (regression analysis, Probability distributions, etc.)
- Expert experience pulling large & complex data using SQL & data visualization tools.
- Experience with Python for Data Analysis, data Visualization, Statistical package, and Machine Learning. (NumPy, Pandas, Matplotlib, Seaborn, Plotly, and Scikit-learn [SKLEARN]).
- Experience with RStudio for R Programming.
- Advanced skills in Microsoft Office Suite : Excel, PowerPoint, SharePoint, etc.
- Advanced skills in Microsoft SQL Server Studio Management. (SSMS)
- Exposure to Google Cloud Platform (GCP) majorly focused on BigQuery.
- Advanced proficiency in Excel including VLOOKUP and Pivot Tables.
- Experience with Anaconda and JUPYTER Notebook for Python Programming.
- Experience using analytics tools and dashboards, such as Tableau.
- Experience with Visual Basic for Application. (VBA)
- Experience with debugging and developing code.
- Google Cloud workshop, Toronto, Ontario Canada, April 2023.
- Data Catalog Fundamentals Certification, April 2023.
- Insights from Data with BigQuery Certification, April 2023.
- General Insurance Essentials (**GIE**: The principles and practices of property and casualty insurance) Certification, April 2023.
- Python + SQL + Tableau: Integrating Python, SQL, and Tableau Certification , Jul 2022.
- SQL-MySQL for Data Analytics and Business Intelligence Certification, Jul 2022.
- Fundamentals of data visualization in Tableau Certification, Jul 2022.
- Data Analytics Real-World Projects using Python Certification, Jan. 2022.
- Python for Data Science and Machine Learning Bootcamp Certification, Jan. 2021.
- Data Science and Machine Learning Bootcamp with R Language Certification, Jan. 2021.
- Power BI Essential Training Certification, Feb. 2021.
- Tableau Essential Training (2020.1) Certification, feb. 2021.
- Strong interpersonal, verbal, and written communication skills.
- Strong ability to self-manage & work independently.
- Great skills to strategize & prioritize effectively to accomplish multiple tasks.
- Strong problem-solving & critical-thinking skills.
- Hard working & Smart working as well!
- Excellent communication & presentation skills to effectively convey complex data insights to non-technical stakeholders and professionals.
- Ownership mindset.
- Strong sense of responsibility in a team-setting and capable of performing tasks individually as well.
- Strong CAN-DO attitude.
- Capability to communicate complex concepts and analytical results to drive business impact.
- Proactive to identify potential areas of improvement and take actions to address them.

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Professional Experience:

Definity, Toronto, Ontario, Canada
Data Scientist/Analyst

Sep. 2021- Jul 2023

- Provided actionable insights to stakeholders for improving or iterating product features.
- Used Google Cloud Platform (GCP) to extract, search, and analyze the data.
- Partnered closely with key stakeholders to optimize overall product adoption and performance-drive growth.
- Created and analyzed reports for business and finance team.
- Extracted data from multiple sources and joined it together to prepare a data pool for different projects.
- Transformed, cleaned, and manipulated the data with Python.
- Worked with business professionals/stakeholders to gather the requirements, understand their needs, goals, and challenges.
- Partnered with others to identify machine learning opportunities to improve business performance.
- Provided recommendation for improvements to active business goals.
- Cleaned, manipulated, and transformed data using tools like Pandas and Numpy in Python.
- Designed & implemented reports dashboards & the associated data pipeline to deliver insights & improve the business workflow of internal.
- Identified valuable data sources and created machine learning models.
- Conducted workshops, and brainstorming sessions to elicit and document business requirements.
- Translated business requirements into clear, concise, and actionable user stories and functional specifications.
- Created and ran queries to meet business needs. (HQL, SQL,GCP, etc.)
- Reviewed the reports with Data and business SMEs to take the recommendations and find the solutions.
- Visualized the data and analyzed it further using tools like Anaconda (Jupyter Notebook), Tableau, Excel, and SQL.
- Analyzed and executed ongoing operational services required to implement, support, and maintain a stable and scalable technology portfolio aligned with business goals.
- Supported business with financial transaction records/reports.
- Communicated to all the business to make the best decisions.
- Researched the best possible solutions to resolve business decisions.

Provident Energy Management Inc., Concord, Ontario, Canada
Data Analyst

Aug. 2018- Sep. 2021

- Researched, innovated and developed cutting-edge machine learning models and algorithms with complicated unstructured/structured data.
- Created reports and analyzed the data.
- Extracted, searched and analyzed the data from GCP.
- Extracted and cleaned data using Python for data analysis purposes.
- Prepared Ad-Hoc Reports using SQL.
- Researched analysis and plans new functionalities, which make businesses processes more efficient and are beneficial to end-users.
- Reviewed maintains and optimizes overall configurations.
- Created and modified existing MS Office templates when necessary.
- Provided support in implementing database upgrades and troubleshoot database problems; provided support in developing and implementing SQL databases.
- Designed and analyzed reports and queries to access to the organization data using VBA, and SQL.

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Carma Industries Inc., Lindsay, Ontario, Canada
Data Analyst

Dec. 2013-Aug. 2018

- Extracted and analyzed data.
- Provided SQL and VBA scripts for the Accounting Department.
- Deployed Microsoft SSMS to provide reports to analyze.
- Wrote SQL Queries for Accounting, Customer service, and other departments.
- Assisted with designing, implementing, testing, and documenting of the new products.
- Coordinated the meetings and arranged the conference calls for the branch offices.
- Delivered presentations for the Technicians, Salespeople, and non-technical professionals.
- Worked with team members and contacts to report challenges and find resolutions.
- Prepared and delivered presentations and wrote comprehensive work reports.

PANAXION, Montréal, Québec, Canada
TECHNICAL ANALYST INTERN

June 2011-Dec. 2013

- Supported IT and development and other engineers in their engagement with customers.
- Prepared and delivered presentations and writing comprehensive work reports.
- Assisted to develop required assets for operation.

Education:

Electrical Engineering --- Master's Degree

Aug. 2008- June 2011

University of INRS (Institut National de la Recherche Scientifique) in Québec in Montréal, Canada

Electrical Engineering --- BSc. Degree

Sep. 2000- May 2005

University of K. N. Toosi university of Technology (KNTU) in Tehran, Iran