

RAY SABERI

ANALYTICS ENGINEER | BI DEVELOPER | DATA & AI ANALYTICS

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PROFESSIONAL SUMMARY

Analytics Engineer and BI Developer with 5+ years of experience transforming complex operational, healthcare, and business data into trusted analytical models, production dashboards, and repeatable reporting workflows. Strong in SQL, Python, Tableau, Power BI, AWS Redshift, dbt, data quality, and analytics automation. Increasingly integrate generative AI and AI-assisted development into analytics workflows for research, prototyping, documentation, and solution development while maintaining validation and business-rule rigor.

CORE SKILLS

Analytics Engineering	SQL, ETL/ELT, dbt, data modeling, analytical marts, business rules, data validation
Business Intelligence	Tableau, Power BI, KPI design, dashboard UX, executive reporting, data storytelling
AI & Automation	Generative AI, AI-assisted analytics workflows, Python, REST APIs, workflow automation, NLP
Platforms & Delivery	AWS Redshift, Tableau Server, Git, Bitbucket, version control, stakeholder delivery

PROFESSIONAL EXPERIENCE

Analytics Engineer / BI & Visualization Lead | Pulse Inf FRAME

London, ON | Feb 2024 - Present

- Own end-to-end analytics delivery across healthcare and patient-registry data, translating reporting needs into SQL models, validated metrics, and production Tableau experiences.
- Design and modernize enterprise Tableau dashboards on AWS Redshift, including executive KPIs, cohort analysis, longitudinal monitoring, site performance, and data-completeness reporting.
- Develop and refine dbt/SQL analytical models, investigating source behavior, edge cases, missingness, duplicate records, and complex business rules before metrics reach users.
- Build reusable analytics automation with Python, Tableau REST APIs, and Tableau Server for dashboard discovery, reporting, PDF export, and repeatable administrative workflows.
- Integrate AI-assisted research, prototyping, documentation, and development into analytics projects to accelerate iteration while validating outputs against source data and defined business logic.
- Partner with business and technical stakeholders to define requirements, validate outputs, communicate limitations, and move analytics from investigation through production delivery.

Data Analyst | WITT

Remote | May 2023 - Feb 2024

- Automated recurring reporting workflows with Python, Pandas, SQL, and Jupyter, improving repeatability and reducing manual preparation.
- Applied NLP techniques with spaCy and NLTK to analyze survey feedback, extract themes and sentiment, and support product and business decisions.
- Used machine-learning and AI-oriented analytical methods with scikit-learn and Python for exploratory and predictive analysis, translating findings into stakeholder-ready reporting.

Data Analyst | Manulife / John Hancock

Remote | Oct 2022 - May 2023

- Built Python and SQL validation workflows to identify data-quality issues and improve the reliability of downstream reporting.
- Restructured analytical datasets and developed reusable ETL and validation patterns for recurring analysis.

Data Analyst / Power BI Developer | Moose Knuckles Canada

Montreal, QC | Sep 2020 - Sep 2022

- Designed Power BI dashboards for sales, inventory, product, and location performance, providing consistent visibility into operational KPIs.
- Analyzed inventory and sales data with SQL and VBA to identify bottlenecks, stock-out patterns, and opportunities for operational improvement.
- Worked with stakeholders to standardize KPI definitions and improve consistency across departmental reporting.

Compliance & Quality Analyst | Lamour Group & Terramar Sports

Montreal, QC | Mar 2017 - Mar 2020

- Analyzed quality and compliance data in Excel and developed automated reporting and data-entry templates to improve consistency and reduce manual errors.

SELECTED TECHNICAL PROJECTS

- Enterprise BI modernization - redesigned legacy Tableau reporting into a consistent enterprise dashboard system with standardized KPI architecture, filters, typography, and reusable visual patterns.
- Analytics directory & reporting automation - used Python and Tableau REST APIs to inventory active server views and automate repeatable dashboard and PDF reporting workflows.
- AI-enabled analytics workflow - incorporated generative AI and coding assistants into research, prototyping, documentation, and development workflows, with human validation of analytical logic and outputs.

EDUCATION & PROFESSIONAL DEVELOPMENT

Harvard University (Online) - Computer Science coursework

Azad University of Tehran - B.Sc., Textile Engineering

Google - Generative AI professional development

DataCamp - Agentic AI professional development; additional coursework in SQL, Tableau, Machine Learning, and AI