Gabriel Shehamte

Data Engineer | Analytics | Data Science

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Summary

I'm an Analyst with expertise in SQL, Python, Tableau, and data engineering. I specialize in developing ETL pipelines, automating workflows, and creating dashboards to deliver actionable insights. Experienced in predictive modeling, data processing, and optimizing reporting systems, I drive operational efficiency. Skilled in resolving compliance challenges and integrating data pipelines, I align technical solutions with business goals to enhance decision-making in dynamic, cloud-based environments.

SKILLS

- Analytics -- Forecast Modeling, Machine Learning, Data Visualization, Big Data & Database, LLMs, ETL Processes, Data Pipelines
- Tools -- SQL, Tableau, Salesforce, Excel, JavaScript, AWS QuickSight, Power Bi
- Programming -- *Pro:* Python, SQL, R, Power Bi, AWS, NoSQL, Excel *Intermediate:* React, AWS, JavaScript, Colab

WORK EXPERIENCE

AI Data Specialist | Outlier A.i   *Sept 2024 - Present*

- Led the analysis of **300+ large datasets** identifying and correcting Ai pattern errors, boosting algorithm accuracy and performance providing data-driven insights
- Optimize ML models by refining data tracking processes, and **enhancing system efficiency** by over **25%**
- Automated data workflows with _SQL_ and _Python_, reducing analysis time by **30%** and enhancing report accuracy

Backend systems Engineer | Enerva Energy   *Sept 2023 – Dec 2023*

- Designed and developed backend systems using _Python_ and _SQL_ to streamline data processes, **improving data integrity by 30%** and **reducing inefficiencies by 40%**. Implemented high-quality code, ensuring scalability and stability
- Automated compliance workflows, reducing onboarding time by 25%, aligning operational processes with regulatory standards
- Increased customer satisfaction 45% through the development of automation scripts reducing technical review process times
- Enhanced forecasting models with machine learning, increasing accuracy by 20%, driving cost-saving initiatives for clients

Data Engineer | Rodan Energy   *Jan 2023 – Apr 2023*

- Integrated cross-functional data pipelines, enhancing consistency and reporting efficiency, while resolving compliance risks, improving project timelines by 50%.
- Developed scalable data-driven solutions using _SQL_ and _Python_ to streamline cross-functional pipelines, enhancing reporting efficiency and consistency. Led the full development lifecycle of a predictive model, **improving process efficiency by 50%.**
- Streamlined data transfer using SQL and Power Bi, enhancing compliance monitoring for investment processes
- Automated energy usage reporting via Tableau and Python, reducing reporting time by 40% and boosting operational efficiency

Business Systems Analyst | Algonquin Capital   *Jan 2022 – Apr 2022*

- Automated investment risk assessments and compliance workflows using *SQL*, reducing manual compliance tasks by 50%
- Built SQL-based data models to streamline data processing and improve risk analysis, enhancing real-time decision-making across business units, resulting in a 20% increase in lead generation
- Developed and automated SQL-based databases and tools to streamline portfolio management, enabling real-time financial risk assessment and tracking of investment gains and losses, reducing manual processing time from days to minutes.
- Built SQL models to analyze portfolio performance, providing insights, improving risk management and investment decisions

PROJECTS

Data Predictor | NBA Dataset   Aug 2024 - Present

- Analyzing NBA Trends: Designed a data pipeline using Python, SQL, and PySpark to process live and historical NBA data, identifying trends such as optimal player performance, optimal matchups, and injury risks
- Built a real-time data pipeline with Python and SQL to monitor play performance, providing actionable insights for strategic decisions

Product Manager & Developer | KPI Dashboard Project   *Jan 2023 - May 2023*

- Designed and deployed an interactive KPI dashboard to track and analyze the performance of meter types installed at client warehouses/offices, enhancing data-driven resource planning and allocation for Rodan businesses
- Delivered real-time insights into client costs and identified potential meter issues, enabling proactive management, improved decision-making, and cost optimization

EDUCATION

Honors Bachelor of Applied Sciences in Management Engineering with Distinction | **University of Waterloo**

Courses -- *Data Mining, Intro and Advanced ML, Analytics & User Experience, Deterministic Optimization Models and Methods*

Certifications -- *Udemy Software Dev 2024, Lean Six-Sigma Green Belt, 300+ Leetcode problems focusing on Data Alg. & Engineering*

- Soft -- Cross-Functional Collaboration, Time Management, Communication, Leader, Problem Solving, Critical Thinking, Patience