

Data Scientist with 5+ years of experience delivering data-driven solutions in regulated financial and technology environments. Strong background in Python, SQL, machine learning, and NLP, with hands-on experience building, validating, and maintaining data pipelines, analytical models, and stakeholder-facing dashboards. Known for translating complex technical concepts into clear business insights, owning end-to-end delivery, and driving process improvement through documentation, automation, and collaboration.

## Skills

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**Programming & Data:** Python 3+, SQL (Postgres, MySQL, BigQuery), Jupyter, Dataiku

**Machine Learning & NLP:** Regression, classification, clustering, NLP, model evaluation, prompt engineering (foundational), deep learning

**Data & Analytics Tools:** Tableau, Excel, Alteryx

**Cloud & Platforms:** AWS, Databricks, Git / version control

**Core Strengths:** End-to-end analytics, stakeholder communication, reproducible research, documentation, risk-aware data practices

## Experience

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### **UBS | Data Analyst | Jan 2023 - Present**

- Owned end-to-end analytics and reporting pipelines supporting high-risk Restrictions & Exits workflows, where data accuracy directly impacts client transaction eligibility.
- Designed, validated, and maintained complex business logic for account restriction and unrestriction populations in partnership with stakeholders, ensuring regulatory and operational compliance.
- Built and maintained Python + SQL data pipelines in Dataiku powering daily dashboard refreshes consumed by multiple business teams.
- Automated a previously manual monthly reconciliation process by developing a Python-based ingestion and reconciliation workflow, reducing processing time from ~1 month to <3 hours (>95% time reduction) and significantly lowering operational risk.
- Translated ambiguous business requirements into clear technical specifications, accelerating delivery timelines by ~20% across multiple R&E initiatives.
- Identified and resolved data quality issues, edge cases, and logic gaps, improving dashboard reliability and auditability in regulated reporting environments.
- Increased team efficiency by introducing standardized documentation, reusable templates, and peer SQL reviews, improving handoffs and reducing rework.
- Recognized through multiple strong peer and stakeholder feedbacks for ownership, reliability, and business impact.

### **Vermeer | Data Scientist | Feb 2021 - Dec 2022**

- Improved autonomous system accuracy by 25% through building and evaluating machine learning and deep learning models using Python, PyTorch, and OpenCV.
- Conducted end-to-end experimentation, including data preprocessing, model training, validation, and performance analysis.
- Developed computer vision solutions for UAV navigation in GPS-denied environments, contributing to improved model robustness and decision-making.
- Collaborated cross-functionally to align technical solutions with product and business objectives, presenting results through clear technical and non-technical documentation.

### **Pie for Providers | Data and Policy Analyst | Oct 2021 - Jan 2022**

- Supported data warehouse operations by maintaining SQL scripts and tables used for daily, cross-departmental reporting.
- Evaluated and synthesized data from multiple sources to support policy and financial analysis across 20 U.S. states.
- Partnered with engineers and analysts to ensure data accuracy, consistency, and usability.

## Education

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**Data Science & Computer Science** | [\[Bloomtech Institute of Technology\]](#) | 2020