Matt Oremland, PhD

Director, Analytics

mattoremland@gmail.com • (518) 560-1473 • Saratoga Springs, NY 12866
https://www.linkedin.com/in/matthew-oremland-31a312101

PROFESSIONAL SUMMARY

Analytics leader with 10+ years of progressive experience building and scaling data teams, establishing data governance frameworks, and driving data-driven decision-making across complex organizations. Proven track record of partnering with cross-functional stakeholders to translate data into actionable business insights, combined with hands-on technical depth in Python, SQL, and predictive modeling. Experienced in hiring, mentoring, and developing analyst teams while maintaining accountability for data quality, governance, and strategic alignment with business objectives.

PROFESSIONAL EXPERIENCE

Redica Systems   2025 – Present
Director, Data Strategy & Analytics   *Remote*

- Lead analytics strategy and delivery for a life science platform serving pharmaceutical clients, partnering directly with product and go-to-market teams to define data requirements and translate analytics outputs into client-facing insights
- Built risk-scoring models from scratch using company and client data, designing the full pipeline from data ingestion and cleaning through model development and operationalization
- Designed a reference data architecture to harmonize data from multiple sources into a unified framework, resolving complex data quality challenges including cross-source matching and inference of missing values
- Developed a Python library for generating standardized analytics visualizations, reducing manual effort and ensuring consistency across client deliverables and conference presentations

Tidal Wave Analytics LLC   2023 – Present
Consulting Data Scientist   *Saratoga Springs, NY*

- Delivered end-to-end predictive modeling engagements for clients across multiple industries, managing full project lifecycle from scoping and stakeholder alignment through deployment and iteration
- Built a production random forest classification model for a SaaS platform that runs nightly, maintaining and iterating on the model post-launch
- Worked directly with client stakeholders including VP-level leadership and engineering teams, translating complex model outputs into actionable business recommendations

Gilead Sciences   2023 – 2024
Director, Data & Analytics (Medical Affairs)   *Foster City, CA*

- Defined and executed enterprise data and analytics strategy, serving as strategic advisor to senior leadership and aligning analytics initiatives with organizational priorities
- Led development of a centralized data lake as the single source of truth for analytics and reporting, establishing scalable infrastructure for data-driven decision-making
- Managed the internal analytics team responsible for building custom dashboards and reports in Spotfire, overseeing hiring, onboarding, and performance development
- Established data governance frameworks and wrote formal data requirements to ensure data quality, consistency, and transparency across the organization
- Managed vendors and internal teams to deliver analytics solutions on time and within budget

Takeda Pharmaceuticals   2021 – 2022

Associate Director, Digital & Data Science   *Lexington, MA*

- Led the digital and data science group and the statistical monitoring group, providing cross-functional analytics leadership and team mentorship
- Partnered with manufacturing and quality stakeholders to implement predictive modeling programs, translating complex model outputs into actionable quality decisions
- Led semi-annual Annual Product Quality Review meetings, presenting data-driven assessments to cross-functional executive leadership
- Served as Spotfire system administrator and built real-time process and quality monitoring dashboards

Regeneron Pharmaceuticals   2016 – 2021

Senior Process Data Scientist   *Rensselaer, NY*

- Developed and deployed predictive models for biopharmaceutical manufacturing including automated limit calculations, feed quantity optimization, and product quality prediction
- Built and maintained automated data pipelines to ingest, clean, and transform process data into analysis-ready formats
- Presented modeling results and strategic recommendations to senior leadership and cross-functional stakeholders
- Promoted from Data Scientist to Senior Data Scientist based on expanded technical leadership and modeling scope

EDUCATION

Doctor of Philosophy (PhD) in Mathematics   2014

Virginia Polytechnic Institute & State University

SKILLS & TECHNOLOGIES

Leadership & Management: Team Leadership • Hiring & Mentoring • Cross-Functional Partnership • Data Governance • Strategic Planning • Stakeholder Management

Analytics & Data Science: Predictive Modeling • Data Pipelines • Risk Modeling • Statistical Methods • A/B Testing Frameworks • Data Quality Management

Programming & Platforms: Python • SQL • Snowflake • Databricks • AWS • Sigma • Spotfire

Visualization & Reporting: Dashboard Development • Data Visualization • BI Tools • Automated Reporting • Client-Facing Presentations