

Thomas J Berdahl

BI DEVELOPER | DATA SCIENTIST

+484-809-1844 · thomasjberdahl@gmail.com · Portfolio: tommyberdahl.com · LinkedIn: [@ThomasBerdahl](https://www.linkedin.com/in/ThomasBerdahl)

KEY COMPETENCIES

- **Data Management:**
 - Azure DevOps (Git)
 - Databricks
 - Data Pipelines & ETL
 - Data Warehousing
 - Microsoft SQL Server
 - **Data Science:**
 - Predictive Modeling
 - Machine Learning
 - Statistical Analysis
 - Data Mining Techniques
 - **Data Visualization & BI Tools:**
 - Power BI, Tableau, Excel, Web Intelligence (Webi)
 - **Healthcare Compliance:**
 - HIPAA Privacy Rule
 - Health Insurance Regulations
 - **Programming:**
 - Python (Numpy, Pandas, Sklearn)
 - SQL
 - R
 - **Soft Skills:**
 - Problem Solving & Critical Thinking
 - Communication & Leadership
 - Adaptability
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PROFESSIONAL EXPERIENCE

Geisinger Health System - Danville, PA

Business Intelligence Developer

Nov 2024 - Current

- Managed data requirements related to grievance and appeals processes.
- Prepared ad hoc reports for executive leadership on healthcare performance.
- Developed Tableau dashboards to support stakeholder decision making across various departments in an organization of 27,000+ employees.
- Adhered to change control procedures to ensure smooth implementation of updates to healthcare reporting systems.
- Automated repetitive data processing tasks to improve efficiency and reduce processing time.
- Ensured HIPAA compliance through strict data governance measures to protect sensitive patient data.
- Worked with government agencies to ensure accurate and timely reporting of CMS data.

Soltech - Bethlehem, PA

Customer Retention & Business Intelligence Specialist

May 2022 - Nov 2024

- Created Power BI dashboards, serving as the company-wide performance source of truth.
- Conducted data analysis to deliver actionable insights for key business decisions.
- Implemented machine learning algorithms to forecast product demand by geographical region.
- Utilized advanced analytics to optimize marketing strategies for enhanced ROI

Logistics Assistant/Marketing Intern

Dec 2020 - May 2022

EDUCATION

Penn State University

2022 - 2024

Masters of Professional Studies in Data Analytics

Bloomsburg University of Pennsylvania

2018 - 2022

Bachelors of Business Administration in Marketing

ACADEMIC & PERSONAL PROJECTS

Data Analytics Capstone Project

Utilized Random Forest modeling with Sklearn to predict accident severity, enhancing public safety outreach initiatives in the United States.

Data-Driven Decision-Making Term Project

Analyzed zip code demographics and transactional data to forecast product demand for e-commerce, utilizing Python decision tree modeling.