Thomas J Berdahl

BI DEVELOPER | DATA SCIENTIST

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KEY COMPETENCIES

- **Data Management:**
  - Azure DevOps (Git)
  - ServiceNow
  - 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)
- **Programming:**
  - Python (Numpy, Pandas, Sklearn)
  - SQL
  - R
- **Soft Skills:**
  - Problem Solving & Critical Thinking
  - Communication & Leadership
  - Adaptability

PROFESSIONAL EXPERIENCE

Geisinger Health System - Danville, PA
Business Intelligence Developer   Nov 2024 - Current

- Managed all data requirements related to grievance and appeals processes, ensuring compliance with CMS, DOH, DHS, and HIPAA.
- Developed and maintained Tableau dashboards to support decision making across various departments in an organization of 27,000+ employees.
- Led a large-scale actuarial analytics project to identify claim utilization trends.
- Adhered to data governance protocol and change control procedures to maintain data integrity.
- Automated repetitive data processing tasks to improve efficiency and reduce processing time.
- Built and optimized stored procedures in SQL Server to feed data into dashboards and reports.
- Collaborated with stakeholders across multiple departments - including Medical Management, Member Resolution, and Actuarial - to align reporting with organizational goals.

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.