

Dennis Sobolewski

DATA SCIENTIST

Chicago, Illinois

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Data Scientist with 5+ Years of Healthcare Experience

- Experience providing solutions for clients ranging from community hospitals to academic medical centers.
- Skilled at extracting and tidying multi-source data, applying advanced data science techniques and validating output, and effectively visualizing results.
- Capable of translating complex statistical analyses in easy-to-understand terms.

Education

University of Notre Dame

MSc IN BUSINESS ANALYTICS

South Bend, Indiana

2015 - 2016

University of Notre Dame

BACHELOR OF FINANCE

South Bend, Indiana

2007 - 2011

Work Experience

Bluetree Network

DATA SCIENTIST

Madison, WI

Mar. 2018 - Present

- Built forecasting models to predict patient access center call volumes and applied queueing theory principals to determining optimal staffing levels.
- Designed and co-developed a custom patient access center data warehouse using MS Visual Studio for automatic deployment and ingestion of multiple data sources.
- Performed spatial autocorrelation tests on ICD codes within a patient population to determine areas of statistically significant clustering and dispersion.
- Developed a Case Mix Index predictive model to identify under and over-coded hospital accounts to maximise reimbursement and reduce denials.
- Perform exploratory data analyses on multiple Epic healthcare data sources and communicated results for project decision-making.
- Developed custom clarity and caboodle queries, validated the output, and build operational tableau dashboards for both executives and ground team members within healthcare organizations.

Northern Trust Corporation

ANALYTICS SPECIALIST

Chicago, IL

Jul. 2014 - Mar. 2018

- Developed a data validation tool that performed regression testing of data models between staging and production environments and provided readable results.
- Built and managed an automated processes tp audit security permissions within Nothern Trust's proprietary hedge fund administration software.

Epic

QUALITY ASSURANCE ANALYST

Madison, WI

Jul. 2011 - Jul. 2014

- Designed and tested Epic's proprietary healthcare software alongside developers and implementation staff.
- Trained clients on using new functionalities within the HB, PB, and Claims and Remittance Epic modules.

Skills and Technologies

