

Dennis Sobolewski

DATA SCIENTIST

Chicago, Illinois

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Some stuff about me

Data scientist and quick learner with a track record of success working with all levels of the organization. Business background with significant development experience in R, SQL, & others, as well as an exceptional ability to communicate complex concepts to a wide range of audiences. Always seeking opportunities to innovate or use new technologies while keeping user experience and business problems front and center. Passionate about data visualization and modeling to find interesting insights within complex data sets.

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 in 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..
- Performed exploratory data analyses on multiple Epic healthcare data sources and communicated results for project decision making.

Northern Trust Corporation

ANALYTICS SPECIALIST

Chicago, IL

Jul. 2014 - Mar. 2018

- Performed data validation to ensure reporting accuracy for all product release....
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- Built and managed an automated processes for updating and auditing security permissions within Northern 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 along side developers and implementation staff.
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Skills and Technologies

