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   *South Bend, Indiana*
MSc IN BUSINESS ANALYTICS   *2015 - 2016*

University of Notre Dame   *South Bend, Indiana*
BACHELOR OF FINANCE   *2007 - 2011*

Work Experience

Bluetree Network   *Madison, WI*
DATA SCIENTIST   *Mar. 2018 - Present*

- Built forecasting models to predict patient access center call volumes and applied queueing theory principals to determing 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.
- Performed 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 a healthcare organization.

Northern Trust Corporation   *Chicago, IL*
ANALYTICS SPECIALIST   *Jul. 2014 - Mar. 2018*

- Developed a regression testing tool for validating financial transaction data models between development and production application environments.
- Built and managed an automated processes for auditing security permissions within Nothern Trust's proprietary hedge fund administration software.

Epic   *Madison, WI*
QUALITY ASSURANCE ANALYST   *Jul. 2011 - Jul. 2014*

- Designed and tested Epic's proprietary healthcare software along side developers and implementation staff.
- Conducted client demos on new functionality within the HB/PB billing and Claims and Remittance Epic modules.

Skills and Technologies