

- ❖ Seven years of experience in data analytics within the healthcare industry
- ❖ Experienced analytics leader. Well versed in effectively creating, and translating between, business and technical requirements. Knowledgeable in the decision making process and the data necessary to support it.
- ❖ Expert level SQL and Excel user with additional experience using Python and SAS for cleansing, transformation, reporting and visualization of data.
- ❖ Successful with identifying, documenting and implementing improvements to technical processes

Experience

Health Alliance Plan

Detroit, MI

Manager – Performance Measurement

2015 - Present

- Responsible for all data collection tasks relating to HEDIS reporting: Extracting data from source systems, collecting external supplemental data and coordinating medical record review.
- Provided reporting and analytics for quality programs, incentives, member outreach and other initiatives.
- Primary contact for onsite NCQA audits, including rate and source system validation.
- Created automated tasks for provider reporting, sending data on quality initiatives to provider organizations on a monthly basis. Worked internally with IT on warehouse integration.
- Led discussions with providers and vendors on how to improve rates through data exchange

Lead Analyst/Interim Manager – Performance Measurement

2014 – 2015

- Organized, developed and implemented a complete redesign of data extracts from the source system to quality measure engine. Reduced data quality errors and warnings by 99%.
- Reduced the time between initial data extraction and final reports from two weeks down to two days; the majority run over the weekend to further reduce impact on work week.
- Produced an increase in measure results for 67% of clinical measures through improved data capture from our source systems (claims adjudication, membership, enrollment etc.)
- Worked directly with healthcare providers and external vendors to establish new, or improve existing, data feeds from EMRs and state registries.

Medical Economics/Network Performance Analyst II

2013 – 2014

- Worked directly with leadership to plan and quantify cost savings initiatives. Developed ad-hoc reporting and recurring trend analysis of medical loss ratio and its various components
- Developed and tested data extracts for vendors, provider networks and internal departments
- Technical lead for the department, organizing trainings on Excel and SQL.

Priority Health

Grand Rapids, MI

Medical Informatics Consultant II

2012 – 2013

- Designed data mart with 4 years of claims and membership data for cost/utilization measurement. Worked to establish standards in metric definitions throughout the company.
- Produced SAS reports for external distribution, using SAS/ACCESS tool and the data mart. Established actionable reporting with trend visualization
- Implemented self-service reporting through web tools and Microsoft Excel VBA. Allowed for custom reporting and more in-depth analytics.
- Organized data structure for bundled payment pilots. Received data extracts and SAS programs from third-party vendors for testing new payment models.

Medical Informatics Consultant I

2010 - 2012

- Increased efficiency and automation of monthly processes. Transition and recoding of monthly reports allowed them to run in a single overnight session, instead of the prior multi-day process.
- Supported incentive payments to healthcare providers. Performed data entry, validation and reporting for the company's primary care incentive program.
- Maintained reporting and data extracts for external customers. Tested IT changes and set up new recipients. Validated information and file layouts, assisting with database imports.

Skills

- Microsoft Office** Advanced knowledge of Microsoft Excel and Access. Well versed in importing data from external sources, writing formulas, PivotTables etc. Some experience with VBA.
- SQL** Highly skilled with writing queries for Oracle and ODBC connections for Microsoft Office. Worked mostly with query optimization and data exports. Additional experience in schema design and writing PL/SQL functions and procedures.
- SAS** Experienced using Enterprise Guide and Base SAS including PROC SQL and add-in for Microsoft Office. Used PROC REPORT for BI reporting in PDF and Excel formats. SAS data step optimization, Oracle connections and pass through queries.
- Python** Skilled in writing automation scripts for recurring reports and developing ETL processes. Mostly using PYODBC for connections, some experience with SQLAlchemy. Experience with data/stats libraries: Pillow, Numpy, Scipy.
- Additional Skills and Experience**
- BI Tools: SAP Business Objects, Tableau, IBM Cognos
 - Statistics software used in graduate work: R and STATA
 - HTML/CSS/JavaScript for static websites and data visualization
 - Processing language for data visualization and creative coding

Education**Master of Arts, Health Economics
Eastern Michigan University**

2008 - 2010

Relevant coursework: Econometrics, Statistics, Health Administration

Bachelor's in Fine Art, concentration in Life Drawing (2007)