

SEAN TRAINOR

DATA SCIENTIST

DETAILS

PHONE

708-465-8744

EMAIL

seanjtrainor@gmail.com

LINKS

[LinkedIn](#)

[Github](#)

SKILLS

SQL

● ● ● ● ●

Data Visualization

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Machine Learning

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R Programming

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SAS

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Python

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Git

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Microsoft Azure

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PROFILE

Experienced Data Analyst with a demonstrated history of working with unstructured data sources in the healthcare field. Passionate about building and utilizing machine learning algorithms to deliver data driven insights.

EMPLOYMENT HISTORY

Risk Adjustment Data Analyst, Blue Cross Blue Shield Nebraska

Omaha

Jun 2021 — Present

- Devise and apply classification machine learning models to identify high risk members in order to optimize the plan's risk score.
- Leverage machine learning algorithm outputs to best determine how to allocate company resources.
- Cleanse and transform raw claims data in SQL to use for data analysis and predictive modeling.
- Develop key performance indicators for provider groups based on claims and demographic data to measure their effectiveness in risk adjustment.
- Create data visualizations in Power BI tracking key metrics to assess provider and company performance.

Data Analyst, Evolent Health

Chicago

Jun 2019 — Jun 2021

- Analyzed medical claims data to find cost saving opportunities as well as identify care management practices with optimal health outcomes.
- Created and maintained tables in the data warehouse to track members' medical benefits.
- Automated key quality assurance processes using Python.
- Built dashboards in Excel and Power BI to present analyses to key stakeholders.

Master's Student Analyst, Northwestern University

Chicago

Oct 2018 — Jun 2019

- Performed linear and quantile regression to test the relationship between medication usage and physical activity among adults with or at higher risk for knee osteoarthritis.
- Co-authored a manuscript titled "The Relationship between Polypharmacy and Physical Activity in Those with Knee Osteoarthritis" that has been published by the Journal of the American Geriatric Society.
- Presented findings at an academic poster session.

EDUCATION

Biostatistics, M.S., Northwestern University

Chicago

Jul 2018 — Jun 2019

GPA: 3.59/4.0

Biochemistry, B.S., Rockhurst University

Kansas City

Aug 2012 — May 2016

GPA: 3.85/4

Summa Cum Laude