Samantha Raynor

Data Analyst - Healthcare Operations

CONTACT

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Location: Chicago, IL

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Portfolio: samantharaynor.dev/

EDUCATION

Master of Science in Health Informatics *2021-08-11 - 2023-05-09*

University of Illinois at Chicago

Bachelor of Science in Biology *2016-08-08 - 2020-09-18*

Loyola University Chicago

SKILLS

Soft Skills

Detail-oriented, Analytical, Collaborating, Develop dashboards and visualizations, Analytical thinking, Problem-solving, Attention to detail, Communication skills, Team collaboration, Time management, Adaptability, Critical thinking, Project management, Stakeholder engagement

Technical Skills

Sql, Python, Data analysis, Healthcare analytics, Data visualization, Power bi, Tableau, Exploratory data analysis, Quality improvement initiatives, Performance improvement, R, Microsoft excel, Sas, Healthcare data analytics, Statistical analysis, Data mining

PROJECTS

Predicting Patient Readmission Risk *2023-01-01 - 2023-03-05*

Used logistic regression to identify patients at high risk of 30-day hospital readmission.

Tech: Python, Scikit-learn, Pandas, Jupyter

samantharaynor.dev/readmission-risk

CERTIFICATIONS

Certified Health Data Analyst (CHDA) *2023-07-05*

American Health Information Management Association (AHIMA)

HIPAA for Healthcare Professionals *2023-01-30*

Udemy

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with experience at Amazon, skilled in SQL, Python, and healthcare data analysis. Proficient in Power BI and Tableau, adept at identifying care gaps. Supports performance improvement with actionable insights.

PUBLICATIONS

Samantha Raynor, Dr. Alan Chen, Priya Mehta. (2023-03-04). *Predictive Modeling for 30-Day Hospital Readmission in Diabetic Patients*. Journal of Biomedical Informatics. https://10.1016/j.jbi.2023.104352

Samantha Raynor, Dr. Lisa Kim. (2022-10-20). *Evaluating NLP Techniques for Analyzing Patient Sentiment in Post-Discharge Surveys*. JMIR Medical Informatics. https://10.2196/32789