

Samantha Raynor

Data Analyst - Healthcare Operations

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PROFESSIONAL SUMMARY

Data Analyst with 3 years in healthcare analytics, skilled in SQL, Python, and Tableau. Proven track record in developing dashboards, identifying care gaps, and supporting quality improvement initiatives for enhanced patient outcomes.

EDUCATION

Master of Science in Health Informatics University of Illinois at Chicago	2021-08-11 - 2023-05-09
Bachelor of Science in Biology Loyola University Chicago	2016-08-08 - 2020-09-18

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 Technologies: Python, Scikit-learn, Pandas, Jupyter Used logistic regression to identify patients at high risk of 30-day hospital readmission. URL: https://samantharaynor.dev/readmission-risk	2023-01-01 - 2023-03-05
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PUBLICATIONS

Samantha Raynor, Dr. Alan Chen, Priya Mehta. (2023-03-04). <i>Predictive Modeling for 30-Day Hospital Readmission in Diabetic Patients</i> . Journal of Biomedical Informatics . https://10.1016/j.jbi.2023.104352
Samantha Raynor, Dr. Lisa Kim. (2022-10-20). <i>Evaluating NLP Techniques for Analyzing Patient Sentiment in Post-Discharge Surveys</i> . JMIR Medical Informatics . https://10.2196/32789

CERTIFICATIONS

Certified Health Data Analyst (CHDA) American Health Information Management Association (AHIMA)	2023-07-05
HIPAA for Healthcare Professionals Udemy	2023-01-30