Sandralee Welna

Healthcare Data Analyst

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📍 123 Mountain View Lane,
Charleston, WV 25304

EDUCATION

Master of Science in Health Informatics at West Virginia University, Morgantown, WV

Sep 2018 - May 2022

Relevant Coursework: Healthcare Data Analytics, Clinical Decision Support Systems, Electronic Health Records, Health Information Systems, Health Data Interoperability, Applied Health Informatics, Health IT Project Management, Telemedicine and e-Health, Biostatistics, and Health Information Privacy and Security.

LINKS

linkedin.com/in/sandraleewelna

SKILLS

SQL

Python

Tableau

R programming

SAS

Power BI

Hadoop

LANGUAGES

English

Dutch

PROFILE

Healthcare Data Analyst with 1 year of experience in leveraging data-driven insights to improve healthcare outcomes and streamline operations. Adept at utilizing statistical analysis, data visualization, and predictive modeling to identify trends and support decision-making. Proficient in SQL, Python, and Excel, with a strong foundation in HIPAA compliance and data integrity. Demonstrated ability to collaborate effectively with cross-functional teams and contribute to organizational growth.

EMPLOYMENT HISTORY

Senior Healthcare Data Analyst at Innovative Analytics Solutions, WV

May 2023 - Present

- Successfully streamlined the data analysis process for a major healthcare provider, resulting in a 25% reduction in time spent on data management and a 15% increase in overall efficiency.
- Developed and implemented a predictive analytics model that identified high-risk patients, leading to a 30% reduction in hospital readmissions and saving an estimated $1.2 million in annual healthcare costs.
- Led a team of junior data analysts in the creation of a comprehensive data-driven report that informed policy changes in a statewide healthcare initiative, contributing to a 20% improvement in patient outcomes over two years.
- Conducted an in-depth analysis of electronic health records for over 10,000 patients, uncovering hidden trends and patterns that led to the development of targeted intervention strategies, resulting in a 12% decrease in emergency room visits within one year.

Healthcare Data Analyst at Health Data Insights WV, WV

Aug 2022 - Mar 2023

- Successfully reduced patient readmission rates by 15% within six months by conducting thorough analysis of electronic health records and identifying key patterns in patient data, leading to improved care management strategies.
- Streamlined the data reporting process for the organization, resulting in a 35% increase in efficiency and saving an estimated 200 hours of staff time annually by automating repetitive tasks and implementing user-friendly data visualization tools.
- Played a pivotal role in securing $500,000 in additional funding for the organization by providing comprehensive data analysis and insights to support grant applications, demonstrating the effectiveness and impact of existing healthcare programs.

CERTIFICATES

Certified Health Data Analyst (CHDA)

Mar 2022

Certified Professional in Healthcare Information and Management Systems (CPHIMS)

Sep 2020