

Sophia Reynolds

Clinical Data Analyst

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SUMMARY

Dedicated Clinical Data Analyst brings over four years of experience in data analysis and management within healthcare settings. Focusing on data modeling, ETL processes, and tools like SQL, SAS, and Power BI fuels insightful decision-making. Expertise lies in collaborating with clinical professionals to enhance data access and integration, along with excellent capabilities in conveying complex information clearly. Proven track record in developing databases that significantly improve research efficiency and operational effectiveness while managing multiple projects simultaneously speaks volumes about adaptability and commitment to high-quality outcomes.

EXPERIENCE

Clinical Data Analyst

Data Insights Solutions 📅 June 2021 - Present 📍 Chicago, IL

This role emphasizes supporting diverse data analysis needs across clinical and operational environments. Collaborating closely with clinical faculty ensures that the necessary data is effectively gathered for various research initiatives, enhancing quality and efficiency.

- Identified essential data requirements by collaborating with clinical faculty for diverse research projects, improving data integrity.
- Engineered robust databases facilitating efficient data querying and analysis through SQL and SAS, leading to enhanced research efficacy.
- Collaborated with IT teams to assess feasibility of data requests, creating powerful new querying tools boosting accessibility.
- Developed insightful reports from electronic medical records, aiding clinical decision-making and fostering continuous quality enhancement.

Junior Data Analyst

Health Analytics Group 📅 January 2019 - May 2021 📍 Chicago, IL

Engaged in foundational data extraction and reporting enabling support of clinical faculty's operational and research-related data needs. This role built strong analytical skills through active participation in ETL processes and database management.

- Supported extraction and analysis functionalities, harmonizing operational data demand with ongoing research points.
- Leveraged tools like Power BI and Tableau for creating visual representations of data trends, simplifying comprehension.
- Contributed to ETL process improvements, ensuring top-tier data integrity and seamless accessibility for various projects.
- Actively participated in cross-functional meetings for clarifying stakeholder requirements and delivering optimal analytics solutions.

LEADERSHIP & AWARDS

- Certified Health Data Analyst (CHDA)
- Best Research Project Award, University of Illinois at Chicago

EDUCATION

M.S. in Epidemiology

University of Illinois at Chicago 🎓 GPA: 3.9 📅 2018 📍 Chicago, IL

Coursework: Research Methods, Statistical Analysis, Public Health, Data Management

CERTIFICATIONS

- Certified Health Data Analyst (CHDA) 📅 2020
- Advanced SQL Programming Certificate 📅 2021

TECHNICAL SKILLS

- **Data Modeling:** Entity-Relationship Diagrams, UML, Data Flow Diagrams
- **Data Visualization:** Tableau, Power BI, Excel Charts
- **Database Languages:** SQL, MySQL, Oracle
- **Statistical Software:** R, SAS, Python
- **Project Management Tools:** Trello, Asana, JIRA
- **Version Control:** Git, GitHub, Bitbucket
- **Reporting Tools:** Crystal Reports, MS Word, LaTeX
- **ETL Tools:** Talend, Alteryx, Apache Nifi
- **Information Systems:** Epic, Cerner, Meditech
- **Machine Learning:** Python, R, TensorFlow

SKILLS

- SQL
- SAS
- R
- Power BI
- Tableau
- Data Modeling
- ETL Development
- Database Management
- Healthcare Analytics
- Statistical Analysis
- Research Design
- Quality Improvement
- Project Management
- Collaboration Tools
- Microsoft Office

PROFESSIONAL AFFILIATIONS

- Member, American Health Information Management Association
- Volunteer, Local Health Charity

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST