



# 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

### STRENGTHS



#### Analytical Skills

Able to break down complex data issues and provide clear insights that aid decision-making, gaining trust from stakeholders.



#### Team Collaboration

Worked seamlessly with clinical experts and IT professionals, ensuring that identified data needs aligned with project expectations.



#### Database Management

Built effective databases that facilitate enhanced querying and analysis, becoming a go-to resource for research improvement concerns.



#### Communication

Skilled at articulating complex concepts with clarity, helping team members understand imperative analytics goals.



#### Adaptability

Efficiently managed shifts in project priorities while sustaining high standards on deliverables under tight timelines.

### 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

## LANGUAGES

English Native

Spanish Intermediate

## MY CAREER



● Clinical Data Analyst at Data Insights Solutions (4.9 Years)

● Junior Data Analyst at Health Analytics Group (2.3 Years)

## 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

## PROFESSIONAL AFFILIATIONS

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

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST