



# Sophia Martinez

## Healthcare Data Analyst

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### SUMMARY

Driven healthcare analyst with over five years of experience, adept at transforming complex data into actionable insights to enhance operational efficiencies and improve health outcomes. Skilled in Tableau and advanced SQL for designing robust dashboards and managing intricate datasets. Strong background in predictive modeling and statistical analysis within clinical settings. Committed to supporting clinical leaders by providing user-friendly reports that facilitate informed decision-making. Proven ability to automate processes for higher accuracy and efficiency while collaborating effectively across teams.

### STRENGTHS

- Data Visualization Expertise**  
Crafted dashboards that meld visuals with critical operations insights, making complex data approachable, and concrete.
- SQL Proficiency**  
Wielded advanced SQL skills for complex queries, critically influencing report generation, which streamlined analysis.
- Predictive Modeling Skill**  
Pioneered innovative predictive modeling protocols improving targeting initiatives for clinical programs and member outreach.
- Collaboration Focused**  
Worked hand-in-hand with operational teams to ensure aligned strategies impacted health outcomes positively; teamwork is invaluable.
- Quality Assurance Attention**  
Institute rigorous QA processes ensuring data integrity maintaining utmost reliability across reporting needs and systems.

### SKILLS

Tableau SQL (T-SQL, PL/SQL)

Predictive Modeling

Data Visualization

Healthcare Analytics

Quality Assurance

Statistical Analysis

### EXPERIENCE

#### Healthcare Data Analyst

Insightful Analytics Solutions 📅 June 2021 - Present 📍 Chicago, IL

Focused on delivering comprehensive analytical support to clinical operations through innovative tools. Developed Tableau dashboards that substantially improved decision-making processes based on real-time data. Partnered with stakeholders to define KPIs, enhancing overall resource allocation strategies.

- Created a suite of Tableau dashboards improving decision-making efficiency by 30%.
- Employed advanced SQL techniques to automate reporting processes, reducing manual work by 40%.
- Collaborated with interdisciplinary teams to refine predictive models aligning clinical initiatives with member needs.
- Liaised with audit teams to ensure compliance through meticulously documented data workflows.

#### Data Analyst

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

Contributed significantly to clinical workshops, focusing on dashboard customization to align quality metrics with organizational goals. Engaged with clients to translate requirements into data-driven solutions facilitating healthcare improvements.

- Delivered targeted analytical support, developing dashboards assessing crucial quality metrics.
- Synchronized stakeholder engagements to uncover data enhancement opportunities boosting clinical success.
- Synthesized complex databases into insightful narratives for executive-level discussions.
- Automated various workflow elements enhancing clarity and precision in data reporting.

### PORTFOLIO

**Title:** Healthcare Dashboards Portfolio

**Link:** Remote

**Description:** A collection of interactive dashboards created using Tableau showcasing key metrics and simplified decision-making processes.

### LEADERSHIP & AWARDS

- Certified Health Data Analyst (CHDA)
- Tableau Desktop Specialist

### EDUCATION

#### Bachelor's Degree in Health Informatics

University of Illinois at Chicago 🎓 GPA: 3.8 📅 2018 📍 Chicago, IL

**Coursework:** Data Analysis, Healthcare Systems, Informatics, Statistics

## LANGUAGES

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English Native

Spanish Proficient

## MY CAREER

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● Healthcare Data Analyst at Insightful Analytics Solutions (4.9 Years)

● Data Analyst at Health Analytics Corp (2.3 Years)

## CERTIFICATIONS

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- Tableau Desktop Specialist 📅 2022
- Certified Health Data Analyst (CHDA) 📅 2021

## TECHNICAL SKILLS

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- **Data Analytics Tools:** Tableau, SQL Server, Excel
- **Statistical Software:** R, Python
- **Project Management Tools:** JIRA, Trello, Asana
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Healthcare Platforms:** Epic, Cerner, Allscripts
- **Reporting Tools:** Power BI, SAS, SQL Reporting Services
- **Database Technologies:** MySQL, Oracle, PostgreSQL
- **Data Warehousing:** Snowflake, Azure Data Warehouse, Amazon Redshift
- **Cloud Computing:** AWS, Azure, Google Cloud
- **Machine Learning Frameworks:** Scikit-learn, TensorFlow, Keras

## PROFESSIONAL AFFILIATIONS

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- Member of the American Health Information Management Association (AHIMA).
- Active participant in local data analytics meetups and workshops.

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST