

# Sophia Martinez

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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.

## EXPERIENCE

### Healthcare Data Analyst

June 2021 - Present

Insightful Analytics Solutions

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

January 2019 - May 2021

Health Analytics Corp

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**

2018

University of Illinois at Chicago GPA: 3.8

Chicago, IL

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

## CERTIFICATIONS

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

## TECHNICAL SKILLS

- **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

## SKILLS

- Tableau
- Predictive Modeling
- Healthcare Analytics
- Statistical Analysis
- SQL (T-SQL, PL/SQL)
- Data Visualization
- Quality Assurance

## PROFESSIONAL AFFILIATIONS

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

## LANGUAGES

- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST