**Sofia Fernandez** |

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**Education**

**MS, Data Science Columbus, OH**

### University of Ohio 2013–2014

## BS, Mathematics Columbus, OH

### Ohio State University 2001–2004

# Certifications

## Certificate in Deep Learning Columbus, OH

### University of San Francisco 2016

**Experience**

**Health Solutions Columbus, OH**

### Chief Data Scientist 2020- present

## Lead a team of data scientists and analysts in developing and implementing data-driven strategies to improve business operations and profitability.

## Developed predictive models using machine learning algorithms to forecast customer behavior and identify opportunities for growth.

## Designed and executed experiments to test hypotheses and identify opportunities for process improvement.

## Collaborated with cross-functional teams to develop data-driven solutions that addressed business needs.

## Established and maintained data governance policies and procedures to ensure data accuracy and integrity.

**Health Solutions Columbus, OH**

### Senior Data Scientist 2015 - 2020

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### Conducted statistical analysis and modeling to support business decision-making and improve operational efficiency.

### Developed and implemented predictive models using machine learning algorithms to forecast sales and optimize pricing strategies.

### Collaborated with cross-functional teams to develop and implement data-driven solutions that addressed business needs.

### Designed and executed experiments to test hypotheses and identify opportunities for process improvement.

### Conducted data exploration and visualization to identify trends and insights.

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**Health Solutions Columbus, OH**

### Senior Data Scientist 2007 – 2013

# Conducted statistical analysis and modeling to support business decision-making and improve operational efficiency.

# Developed and implemented predictive models using machine learning algorithms to forecast customer behavior and optimize marketing campaigns.

# Conducted data exploration and visualization to identify trends and insights.

# Collaborated with cross-functional teams to develop and implement data-driven solutions that addressed business needs.

# Publications

# Data science, machine learning, and statistical analysis

# Patents

* Data governance and data management processes