

# Sarah A. Mangrum

Stephenville, Tx 76401 | (817) 597-9246

[sarahamangrum@gmail.com](mailto:sarahamangrum@gmail.com) | [linkedin.com/in/sarahamangrum](https://www.linkedin.com/in/sarahamangrum) | [sarahmangrum.github.io](https://sarahmangrum.github.io)

---

## SUMMARY

Compassionate and driven graduate of a Data Science certificate program with previous experience in healthcare. Dedicated to leveraging my prior knowledge to uncover actionable insights and improve outcomes through data wrangling, analysis, and visualization.

---

## SKILLS AND STRENGTHS

- **Technical Skills:** Excel | SQL | Tableau | Python | R | Data Prep and Analysis | Basic Statistics
- **Professional Skills:** Critical Thinking, Mentorship, Cross Collaboration, Communication, Time Management

## PROJECTS

### Massachusetts Education System: A Look at Performance

- Using **Tableau**, created interactive dashboard from Massachusetts Dept. of Education dataset identifying key performance metrics for 1800+ schools allowing at-a-glance viewing & understanding of the entire program

### Burgers & Fries, Oh My: A Look at Food Delivery Sales

- Using **Excel**, analyzed 2000+ rows of customer data from *iFood* dataset utilizing Data Aggregation, Pivot Tables, & VLOOKUP to evaluate campaign success levels identifying key insights of the customer population & enabling improved targeting of marketing funds

### Healthcare Project...PENDING

- Explored 100,000+ row patient healthcare data set, assessing key factors such as hospital equality & duration of hospital stay.

## EXPERIENCE

### Lead Mammographer

Advent Health | Texas Health Huguley Hospital Fort Worth South | April 2018 - Present

- Managed Mammography Quality Assurance/Quality Control Program while performing **1500+** exams annually & completing machine performance testing resulting in high-quality patient exams & imaging
- Fostered positive, trusting relationships with patients to develop lasting connections & customer retention rates resulting in a minimum **10% increase** in patient satisfaction Key Performance Indicator scores
- Facilitated & supported training and mentorship to **10+** technologists offering expertise & domain knowledge while providing patients with skilled, educated individuals during their exam experience

### Lead Mammographer

Texas Health Resources | Texas Health Harris Methodist Hospital Stephenville | July 2007 - May 2019

- Managed Mammography Quality Assurance/Quality Control Program & reviewed **500+** patient records annually while tracking, categorizing, and informing patients & physicians of potential abnormalities & cancers of the breast
- Developed & implemented EQUIP Image Quality Review Program using state regulations to ensure quality images submitted for Radiologist interpretation resulting in **zero** compliance deficiencies
- **100% success rate** on **10+** Texas Department of Health/ FDA Annual MQSA Inspections & fostered leadership by serving as High-Reliability Coach, Student Mentor, & Patient Safety Observer

## EDUCATION

- **Data Analytics Accelerator Certification**  
Data Career Jumpstart, January 2024-Present
- **Data Science Certification**  
Southern Careers Institute powered by Woz U, April 2021 - November 2021
- **Radiologic Technology Certification**  
JPS Institute for Health Career and Development, 2000-2002