

# FASTER & SAFER

## CARDIAC ASSESSMENT



Sensydia

## Data Science Engineer

Engineering

Full time

Remote

\$150k+ per year and excellent health benefits

### About this role

Are you interested in applying your signal processing and predictive modeling skills to design next-generation algorithms for cardiac health assessment? Are you a tenacious and self-catalyzing problem solver? If so, this role at Sensydia is for you. As a Data Science Engineer, you'll work collaboratively with our team of engineers to derive insights from biosensor data collected using Sensydia's Cardiac Performance System – a device that provides fast and safe cardiac assessment to improve lives of people with compromised heart function.

### In this role, you will

- Perform signal processing to analyze heart-sound waveform data
- Develop signal features that predict cardiac conditions
- Design machine learning algorithms and apply statistical methods to evaluate system performance

### To be considered, you'll need

- A Master's degree in engineering or science, and 3+ years of relevant training or experience working with sensor data and developing machine learning systems in a research setting
- Knowledge of MATLAB for signal processing, data mining, feature engineering, and predictive modeling
- Knowledge of statistical methods for evaluating classifier performance
- Familiarity with cardiac anatomy and physiology

### Join a rapidly growing company that's democratizing cardiac performance assessment.

Sensydia is a high-performance and high-trust company. We develop great products through excellence in research, engineering, and clinical development. We value talent, diversity, passion, ingenuity, authenticity, integrity, and humility. We value the health of our team members and encourage time for family, friends, and adventure. We believe in teamwork over ego, perseverance over panic, and resolution over blame. We move fast and lean, celebrate our wins, and learn from failure.

Interested in applying? Send your resume to [info@sensydia.com](mailto:info@sensydia.com)