

# Case Study: Improving the Physician Experience with the EMR System

## About the Client

Large Healthcare Provider

## Challenges

Physicians at a large healthcare center were having less than desirable experiences with their EMR system. Traditional behavioral surveys and historical EMR usage were collected, to uncover insights and trends. With this analysis being impossible to uncover using excel and BI dashboards, the healthcare provider needed to look for more efficient solutions.


## Enhancing Clinical Workflows


Our world-class data scientists worked directly with the healthcare providers in building tools to uncover insights, critical to today's challenging healthcare landscape. We ran our proprietary machine learning tools that prepared the EMR data for analysis. Trends and patterns were then found in historical survey and EMR data. This uncovered which physicians were having bad experiences, the different specialties or practice areas that were having bad experiences, and at what point in the process they were experiencing issues. A wide range of actionable insights were found that helped facilitate small targeted training sessions for the physicians. With complex data analyses being created within minutes, the large healthcare center is able to improve the physician experience continually.


## Impacting Healthcare with TeraCrunch Solutions

We have over 100 solutions deployed, dozens of publications, books, and even patent filings to demonstrate our longstanding commitment in data science and healthcare. **With our analytics, businesses and healthcare providers can expect to increase its revenue by ten to twenty-five percent!** Our *Socratez*™ framework of tools is designed to automate many of the tedious and error-prone tasks for developing analytics solutions within the EMR. Utilizing machine learning and A.I. tools and methodology, *Socratez* accelerates development, brings the transparency and control required to see business results, and improves the accuracy of the EMR by reducing human errors.

## Key Benefits

 **Reduces Physician's time on EMR so they can spend time with patients**

 **Uncovers actionable insights to improve Physician experience**

 **Identifies training programs to improve Physician experience**

## TeraCrunch Value Proposition

Our approach is fast, flexible and collaborative. We work as an extension of your team. No long-term contracts, disruption to your IT infrastructure, or need to invest in expensive talent and software!

### 1. IDENTIFY

You provide us with your business problems and sample data

### 2. ASSESS

We provide a free proposal, based off a data quality and viability check

### 3. SOLVE

We complete a full-scale cloud-based solution in 6-8 weeks