Case Study: Enhancing Staff Scheduling with an Advanced Analytics Tool

About the Client

Large Healthcare Provider

Challenges

A rehab center at a large healthcare provider was incorrectly scheduling its nursing staff during studies, due to unknown enrollments. The overstaffing was causing the rehab center to lose money while wasting the employees' time.

Optimizing Scheduling Needs

Working with the Rehab Center, we provided an advanced analytics tool in the form of a dashboard. We used the Rehab Center's historical data, covering all aspects of already completed studies. We then identified key data from the study enrollments, per location over time. We also identified any additional attributes of the studies, that potentially affected the dynamics of enrollment. We then partnered with the rehab center to ensure an understanding of the data model, and the information captured in the relevant fields. Upon completion, the client was able to estimate its staffing needs for a study through expected study duration, the number of expected participants, the number of sites involved in the study, and the time of year the study took place.

Impacting Healthcare with TeraCrunch Solutions

Utilizing TeraCrunch's *Predictive Analytics Scheduling Optimization Tool,* healthcare organizations can predict the demand of scheduling resources with hyper accuracy. We train the algorithmic platform by taking the organization's historical data files to create predictive analytics, with an easy to use dashboard. **These predictions ultimately save healthcare organizations time and money.**

Key Benefits

$ **Saves healthcare organizations time and money**

💡 **Improves staff's efficiency and productivity**

Estimates staffing needs with hyper-accuracy

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

Contact us for a demo at advancedanalytics@teracrunch.com