

## TREXIN CASE STUDY

# CONDUCTING AN ANALYTICS ACADEMY FOR A STATEWIDE HOSPITAL ASSOCIATION

Trexin provided deep knowledge transfer for executive and IT leaders responsible for developing statewide analytics and tools to trend, compare, and drilldown to healthcare processes, outcomes, risks, and costs.

## BUSINESS DRIVER

Our Client, a large statewide hospital association serving more than 130 members, nearly 200 community hospital locations, and more than 20 health systems, was looking for deeper, actionable insights to support population health, payer-provider collaboration, and new payment models, including total cost of care, accountable care relationships, and shared-risk payer arrangements. Recognizing that enhanced analytics and data science represent the path to actionable insights, the COO of the Association asked Trexin to conduct an “analytics academy” for the Association’s executive and IT teams to demonstrate how to produce more insightful and scalable analytics that are user-friendly and actionable to support cycles of quality improvement and cost management activities.

## APPROACH

Trexin’s approach to the academy consisted of three steps:

- First, Trexin assessed the current state of the Association’s analytics, reporting, and data governance capabilities, establishing a consensus regarding current strengths and weaknesses.
- Trexin then conducted a workshop to share applied health economics insights and computational data science techniques regarding data source selection, data structuring, data value extraction, and data correlation, most importantly focused on actionable factors affecting costs and outcomes.
- Trexin then demonstrated how the Association could apply this new knowledge and know-how by analyzing the statewide IP/OP discharge data to produce an initial set of insights that drive decision advantages.

## RESULTS

Trexin successfully established a strategic and tactical baseline knowledge of data science best practices and techniques for the Association’s senior executives and IT analytics team. Importantly, this included an awareness at the executive and CTO level of the criticality of a strong data governance program, both within the Association and among its membership. As a byproduct of the analytics academy, Trexin also prototyped a two-tiered Data Analytics Workshop for the Association to pilot and deploy among its member hospitals, with Tier 1 being a basic Analytics Academy to increase member self-sufficiency, and Tier 2 being Analytics Academy Scaling Services to serve more extensive member analytics needs.

### The Path Towards Actionable Insights is Paved by Analytics



Our Client, a large statewide hospital association, needed to produce more insightful, scalable and actionable insights. Trexin was brought in to conduct an “analytics academy” for both Executives and IT teams.

#### Analytics Academy Approach

Trexin presented a three step approach in order to establish a strategic and tactical baseline knowledge of data science best practices and techniques.

1

##### Assessment:

Current state of Client’s analytics, reporting and governance capabilities.



2

##### Workshops:

Focus on actionable factors affecting costs and outcomes.



3

##### Produce Insights:

Taking knowledge gained to produce initial set of insights.



#### Continuing Education



Not only did Trexin provide a deeper knowledge for both Executives and IT teams, but additional two-tiered Data Workshop will be piloted across the Association and deployed among member hospitals.



## CONTACT US

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