



Health Analytics: Gaining the Insights to Transform Health Care

DEALING WITH "ANALYTICS ANXIETY"

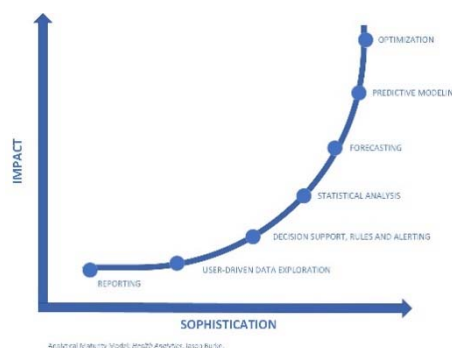
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Analytics Center of Excellence

The volume and complexity of health-related data being generated today far exceeds the capacity of the human brain to process it and draw "implementable insights" that translate into improved health outcomes. The clinical, administrative, financial, behavioral, and social data, as well as the interdependencies in research data being generated make it difficult for timely adoption of medical insights by both individual medical practitioners and industry executives without the aid of analytical technology. This problem of complexity is growing exponentially. It requires that health enterprises of all types must develop new competencies in information and advanced analytics, relying on more sophisticated approaches to help optimize patient-centric care management, while producing improved cost structures.

The approach behind Elyon's health enterprise business design is to provide the planning necessary to build and evolve an enterprise in the most efficient and effective way possible to be successful. Similar to product design, resources (people, technology, funding, time) are rapidly becoming constrained and the efficient use of such has become a mandate. The increasing complexity of enterprises and the increasing rate of change have positioned "knowledge" and "learning" as scarce resources. In fact, the domain of human knowledge now is so large it

is impossible for a single person or team to have the complete expertise needed to function in today's health ecosystem. It is essential for a health organization to understand the its actual analytical capabilities in order to achieve its unique desired outcomes, and the challenge is not in creating or finding the technology but in linking the technology to an analytical strategy. Indeed, the organization's strategy and business plan must take into consideration both analytical capabilities and capacities, and building those that are deficient in areas that are critical to achieve the desired outcomes.



Learning from other industries, a best practice among organizations wishing to build strong analytical capabilities is the formation of a team specifically accountable for building

As the recent Gallup poll points out, American's believe the country's number 1 problem is Healthcare. We pose that number 1 problem is based on its inherent complexity.

these capabilities across the enterprise – a Center of Excellence (CoE). By first creating a strategy/outcome driven framework and evaluating the maturity of the capabilities needed (i.e. industry expertise, analytical expertise, technical/software expertise) the CoE provides internal consulting and mentoring to the rest of the organization as it matures these necessary capabilities. Expertise related to business plan execution, analytics capability maturity oversight, statistical methods, data management, enterprise data strategy, resource management and capacity planning are a few examples of the competencies that can be provided by a Health Analytics CoE.

If a health enterprise wishes to optimize health outcomes and cost structures by taking advantage of the data already at its fingertips, these best practices that can handle the complexity and rate of change in health care are essential.

Services and Solutions

Strategic Planning

Elyon's Strategic Planning experts lead large complex enterprises through transformational change with executive-thinking, focused on finding the common agenda and achieving high value outcomes.

Business Transformation

Known for our collaborative approaches to integrating industry frameworks, and improving your enterprise transformation capability, Elyon is sought out for the careful yet powerful guidance we provide to organizations striving to get their arms around complex change.

Agile Coaching and Project Management

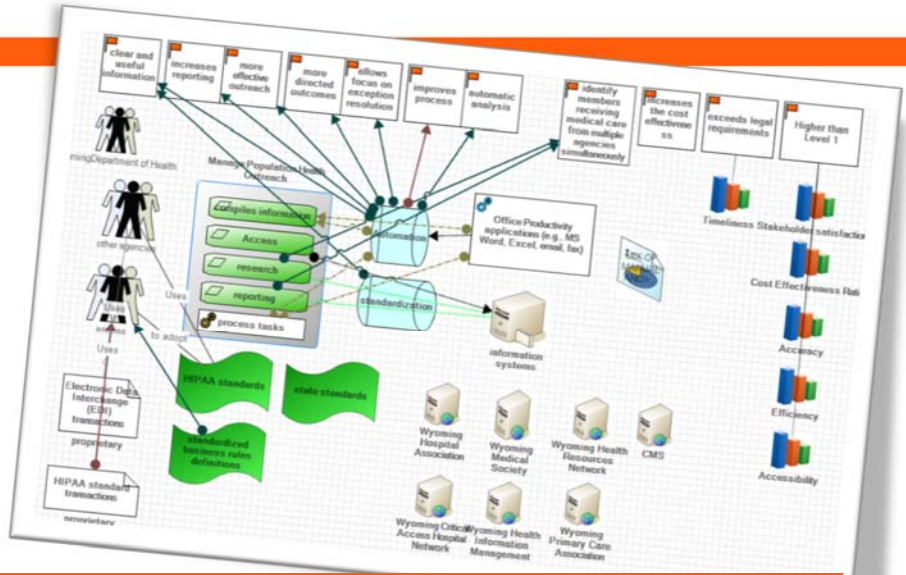
The Project Management Institute has called on Elyon to educate its members in our innovative use of Agile in Non-IT projects. We have extensive experience using Scaled Agile in government projects and know how to maneuver in PMO's that use both waterfall and agile approaches to manage projects.

Executive Coaching

A company that leads business transformation yet doesn't address the cultural aspects is going to find it difficult to be successful. That's why Elyon has developed a deep Executive Coaching practice offering individual and group coaching to ensure the success of the change initiatives that we lead.

User-Centered Design

Elyon's user experience methodology combines behavioral science and the art of design to deliver the most viable and lovable products.



A Model-Based Approach helps you take the next best action with complete confidence in the total value proposition

Enterprise Architecture

Elyon has been recognized for its leadership in architecture-enabled transformations by industry thought leaders including John Zachman and the FEAC Institute. We are the only Zachman Consultancy in the US; our architects have multiple certifications and are proficient in multiple modeling tools.

Infrastructure Optimization and Modernization

Elyon is known for its smart people and we bring unmatched technical expertise to any modernization or service improvement effort.

CONTACT US

Let's have a strategic conversation.

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Because of the complexity in establishing and maturing health analytics competencies in a highly volatile industry, Elyon's health enterprise business design is underpinned with a **model-based approach**. While many health-related initiatives point to new management styles, new software development approaches, or pre-certified solutions, we contend that these approaches don't really address the systemic issue: complexity, and an inability to cope with it. The unpredictable, unstable, non-linear, and fast-paced nature of the complex interrelationships between aging policy, legacy systems, new regulations, workforce turnover, growing demand, and emerging technology that shape the health care ecosystem pose the greatest challenge for health care organizations. Elyon's model-driven enterprise business design is helping government leaders, policy makers, health care executives, and data scientists keep pace with regulation, demand, technology and insight.