



Driving Healthcare transformation: Streamlining data insights for high-value care

Kellton's partnership with Integrated Healthcare Association aimed to streamline Data Analysis and support the delivery of high-value care. By utilizing modern technologies, close collaboration, and Agile Project Management, Kellton successfully optimized IHA's Data Analysis processes and facilitated efficient partner onboarding. The solution added substantial business value to IHA, empowering them to make informed decisions and further their mission of improving healthcare in California.

Client in spotlight

Integrated Healthcare Association (IHA) is a non-profit business league funded by the Healthcare industry, driven by a passion to create a future where patients receive the best possible care. With a focus on collaboration, candor, and impact, their dedicated team works tirelessly to improve the healthcare system for the benefit of all Californians. Supported by a diverse board of directors, IHA remains committed to achieving high-quality and efficient care, while ensuring providers, health plans, purchasers, and patients alike benefit from their endeavors.

◆ FUN FACT



The Cancer Moonshot initiative that the former US President Obama initiated in his second term relies on advanced Data Analytics techniques to speed the discovery of cancer cures by identifying the trends and treatments used worldwide with the highest success rate.

Key challenges

- 01 Integrated Healthcare Association (IHA) faced challenges in streamlining its multi-channelled data structure and analyzing data from numerous California healthcare providers
- 02 Domain Knowledge Acquisition: Kellton needed to invest time in understanding IHA's specific needs due to the intricate nature of their Data Processing systems
- 03 Improving partner contract onboarding procedures for each program was essential to enhance IHA's operational efficiency

Solution

In this project, Kellton offered a comprehensive solution to Integrated Healthcare Association (IHA) by providing backend development expertise. Utilizing Django and Python, **Kellton successfully built bulk update interfaces and implemented a unified data model, streamlining IHA's Data Analysis processes.** To ensure future scalability and smoother onboarding, Docker was utilized to modernize the developer setup, offering seamless integration with new projects. Throughout the engagement, continuous collaboration and knowledge transfer with IHA's Data Engineering team were prioritized, enabling Kellton to thoroughly understand IHA's specific needs and address challenges effectively.

The result was an efficient Data Analysis solution that significantly contributed to IHA's performance measurement program and overall efforts to improve healthcare. **With clearer data insights and streamlined processes, IHA could make more informed decisions,** recognize high-performing providers, and establish performance benchmarks. Kellton's contribution supported IHA's mission of delivering high-value care to millions of Californians, fostering collaboration within the Healthcare community and facilitating an overall positive impact on the healthcare system.



Insights and impact | Leveraging Data Analytics for value-based healthcare

Kellton's solution to Integrated Healthcare Association (IHA) brought significant advancements to the Healthcare industry. By optimizing Data Analysis processes and implementing a unified data model, **IHA gained clearer insights, fostering data-driven decision-making and promoting high-value care.** The streamlined processes increased operational efficiency, enabling IHA to expand its network of providers, positively impacting patient outcomes. This successful implementation sets a transformative example for the Healthcare sector, **highlighting the potential of Data Engineering and Cloud technologies to drive improvements in patient care and overall healthcare efficiency.** The solution's wider impact paves the way for further advancements in healthcare Data Analytics and decision-making, ultimately benefiting patients and healthcare providers alike.

Streamlined decision-making

Data Analysis provided clearer insights, enabling informed decision-making at IHA

Increased efficiency

Optimized onboarding improved operational speed for program enrollments

Collaboration & impact

Foster collaboration within the Healthcare community and facilitate an overall positive impact