caserta

We help healthcare organizations to better use their data to improve patient outcomes.

Transformative Strategic Consulting & Advanced Technical Implementation

Healthcare organizations have long recognized the value of the data across their organizations but struggle to harness that data to improve patient outcomes. Caserta helps the leaders of healthcare organizations improve the ways they have been making use of their data through detailed data and analytics assessments, actionable roadmaps, and advanced implementations.

We empower healthcare organizations to:

- Deeply analyze research topics
- Gain access to and be able to integrate diverse data sets
- Easily adapt to evolving analytic needs

Enabling Data-Driven Medicine

By harnessing our expertise, healthcare leaders are able to:

Automatically abstract data & share it across the enterprise
Using NLP and OCR techniques, we are able to extract and ingest important information embedded in text fields. To easily share this abstracted data across the organization, we create data pipelines to ingest chart information that leads to a data warehouse, facilitating data sharing across teams and the enterprise at large.

Ingest and process unstructured data
Being able to capture and perform analytics on unstructured data is critical to the future of healthcare. With our expertise in data science and AI/ML, we enable healthcare organizations to ingest and analyze unstructured data from images, complex spreadsheets, genetic data, and IoT data from wearable devices.

Perform cohort exploration in user-friendly platforms
Proprietary medical data analytics platforms are clunky and hard to use. Through our expertise in data lakes and business intelligence, we remove the constraints from these platforms to enable limitless speed-of-thought analysis.

Easily find data throughout the enterprise & facilitate self-service data discovery
Most organizations do not have a sufficient metadata management tool, making it difficult to find data when they need it. We empower you with the ability to find available data and understand the value of that data.

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> As a leader in a healthcare organization, you have to see the potential of investing in the upfront cost to curate your data because you will get success if you can do that properly.

> CDO & Chief Data Scientist, Leading Cancer Center

SUCCESS STORY

Leading Cancer Treatment & Research Center

Paving the way for the future of cancer care

How Caserta's strategic transformation of a leading cancer center is revolutionizing how researchers and doctors provide care to patients.

While already a leader in the detection and treatment of cancer, the cancer center seeks to be a world leader in personalized care throughout the patient journey and in digital oncology services by 2028. The goal of their initiative is to enable physicians to more accurately prescribe medical treatments to cancer patients depending on an individual's DNA makeup.

To facilitate these goals, they called on Caserta to help create and align the clinical and research domains across the organization. Currently, Caserta is creating a repeatable, consistent, and reliable way to onboard and integrate new data sources; facilitating enterprise-wide data exploration through the implementation of a data catalog; curating data into specific subject data marts; and facilitating the delivery of the data.

Our initiatives will revolutionize how researchers and doctors handle, access, and manipulate data. In addition, we are leading the transformation of how the cancer center performs analytics on molecular data/DNA sequences correlated with chemo and other prescription therapies and treatment results, including tumor measurements.

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Contact us: hello@caserta.com