DRIVING CLOUD MIGRATION & ANALYTICS AT SCALE

Technology Partners

30+
Departments connected & sharing data at scale

85k
Hours saved annually in data science efforts

200+
Models deployed through rapid AI adoption

OUR VISION:

Our healthcare research client's executive leadership team envisioned a future that enabled best-in-class translational research by empowering researchers to do their best work. This future state would drive research innovation and enable AI and team science at an entirely new scale, all while improving governance, security, and compliance.

OUR CHALLENGE:

More than 30 different highly-regulated healthcare business units leveraged the existing data environment. Major cloud providers had yet to consistently produce strong cloud infrastructure and platform engineering, let alone integrate with best-in-class translational research and HIPAA-compliant cloud environments.

OUR SOLUTION:

We took an iterative approach and developed a cloud data fabric built on Databricks in Azure. This fabric allowed the aforementioned departments to migrate their data assets to the cloud and expand upon their current capabilities. Users are now empowered to ingest data from a wide variety of data sources (RDBMS, APIs, file systems, Synapse, Big Query, etc.) without the need to write code for the majority of scenarios.

MAJOR OUTCOMES:

New Reporting Standards

We created an organizational source of truth for trusted reporting across the enterprise.

Flexible Data Analytics

We ensured that 30+ departments enjoyed flexible, independent data environments (clusters), enabling more options for analytics tools.

Controlled Data Sharing

We facilitated data sharing in a governed manner, both internally and externally, at the push of a button.

Improved User Development

We fostered user development through native Databricks tools, such as Notebooks.

Direct Notebook Integration

We gave our client the ability to embed Notebooks directly into the data pipeline, allowing for custom transformations.

User Query Optimization

We made certain that user queries could be saved, shared, and improved upon across the enterprise.