SOLVING COMPLEX CLOUD
ANALYTICS & VISUALIZATIONS

Technology Partners

"Our innovative dashboard saves tens of thousands of labor hours across users."

OUR VISION:

Leadership at one of the Midwest's most prominent private research institutions had a vision to create a central repository of public information.

OUR CHALLENGE:

We were tasked with combining more than 110 disparate sources of structured, semi-structured, and unstructured data (including geospatial) and creating insight designs that enabled impactful self-discovery. These datasets had never been viewed together before, necessitating a greenspace design to create an accurate, seamless self-service dashboard for public use.

OUR SOLUTION:

Technology Partners developed, published, and maintained an accessible self-service Tableau dashboard. We created and leveraged a comprehensive data fabric to automate data ingestion across a wide variety of subjects including public health, voting patterns, demographics, income, emergency responses, and historic redlining.

MAJOR OUTCOMES:

We provided a powerful tool for cloud analytics and visualizations, allowing users to access and understand complex, yet essential, public information. Here's what we delivered to help our client accomplish their goal:

Data Sharing Capabilities

For the first time, institutional and public users could review and discuss the findings of culturally significant research together.

Multidimensional Perspectives

Users could view data in different formats, including as a multi-layer choropleth map, a three-dimensional scatter plot, or a simple data table.

Live Tableau Dashboard

Enabling self-discovery and insights at a new scale, our dashboard is now live with up-to-date data.

Expedited Data Reports

Our new dashboard saves *tens of thousands of labor hours*. At one time, this report would have required more than 880 labor hours of manual data ingestion, modeling, and visualization.

Additional AI Insights

The flexible data fabric enables additional insights and capabilities by serving up data in manner that's secure and manageable for AI, NLP, and large language model utilization.

How can we help? CLICK HERE to start the conversation!