

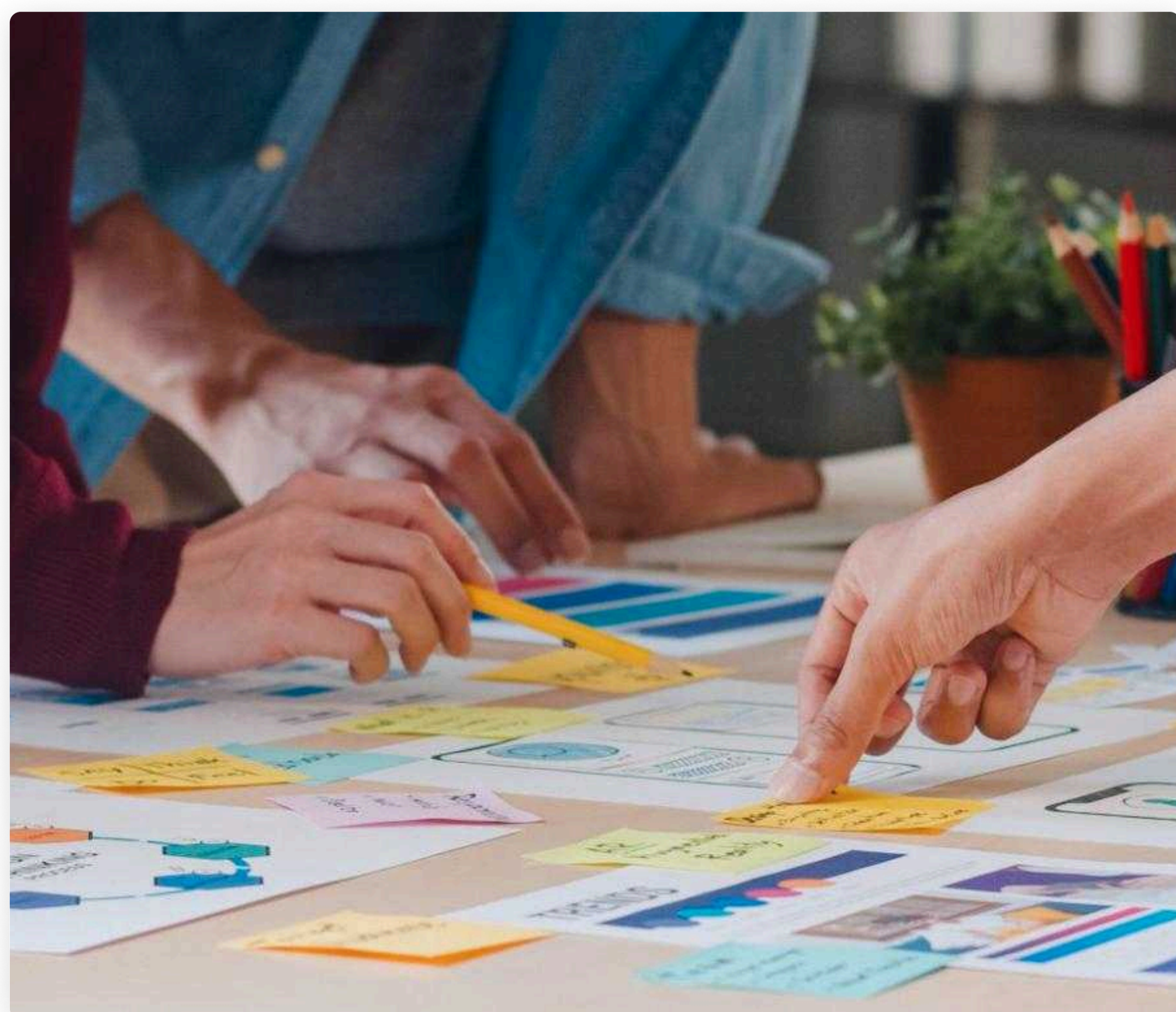
Monetizing Complex Data Into A Strategic Opportunity

The Challenge

Our client, a leading data provider, held over a decade's worth of historical raw data from multiple corporate trust data providers. This data was identified as a key asset for potential monetization, offered as strategic insights to clients, but three previous attempts at automating the creation of consolidated datasets had failed due to the following reasons:

- Varied data formats and continually evolving schemas from multiple data providers made it extremely challenging to model and build a single golden data set that had a flexible ingestion process capable of accepting a variety of changing formats.
- The above problem was compounded due to the lack of alerting from the trustees' data providers around data changes and modifications, and revised data just arrived.

The client was manually processing incomplete, inefficient, and resource-intensive subsets of the data with Excel templates for each dataset. The goal was to create a cleansed, consolidated, and normalised view of the data sourced from multiple sources and consequently quickly and efficiently onboard new data sets into the new truth model.



How StructureIt helped

StructureIt was asked to build a solution that could rapidly provide a clear and quick return on investment. StructureIt delivered a cloud-based data platform for the ingestion, extraction, transformation and distribution of data that:

- Centralises data collection from multiple disparate upstream data sources.
- Automatically ingests, validates, and extracts data into a cleansed layer, consolidated into a single common normalised format with additional fields derived for analytic purposes.
- Provides a generic configuration-driven solution that allows complete control and versioning of historical schemas within a database, enabling the extraction process to adapt to changing data structures over time.

Through the configurable design of the solution, subject matter experts are now empowered to create new schemas to onboard data independent of technical teams, streamlining the adaptation of new and evolving data sets.

The Results

The platform is now a monetized asset for our customer. By providing a centralised repository for cleansed, consolidated, and normalised data, our customer has been able to deliver analytical insights across multiple datasets via Snowflake, Databricks and other data distribution layers. The impact of this has been increased revenue by offering new data to market quickly via the distribution channel of the customer's choice.

Alongside this, the analytics teams and domain experts are enabled to independently onboard and analyse new data sets within days, rather than months. This has also significantly reduced the business dependency on IT resources, and the platform's ability to validate and adapt to new data significantly shortens analytics production cycles.

With this foundation in place, our customer is now expanding the platform to cater to additional data sources, which is crucial for future growth and adaptability in the evolving data landscape.