Fabric in 45 + LOOM Case-Study

University Research Analytics Modernization

Problem Statement:

The research institution encounters **considerable obstacles in consolidating data from various cloud, on-premises, and third-party sources**, which hinders the creation of advanced data products and holistic visualizations.

To tackle these challenges, the University has pinpointed several ambitious and transformative needs:

- **Effortless data ingestion** to enable data scientists to develop complex economic models that can influence strategic decisions.
- **Integration of academic data into Fabric**, along with the creation of AI solutions, allowing executives to engage with data using natural language queries, thus facilitating the discovery of vital insights with greater ease.
- **Growth and on-demand provision of research-oriented workspaces**, promoting an environment where researchers can swiftly access and examine data, collaborate with colleagues, and innovate without conventional limitations.

Approach & Solution:

Utilizing **Spyglass' Fabric LOOM accelerator, we successfully implemented our framework within hours**, enabling us to ingest data from both cloud and on-premises sources and accelerate the development of the next-generation data solution more swiftly than ever before.

With the **rapid data integration into Fabric, we have redirected our efforts alongside the University's project team towards tackling advanced governance issues, facilitating AI capabilities**, and addressing the intricate logic associated with research endeavors.

Business Value:

- By harnessing LOOM, we are **empowering researchers to explore their academic disciplines more thoroughly**, utilizing advanced tools that were once out of reach.
- Through **Spyglass' Fabric LOOM accelerator, we achieved this significant milestone with exceptional efficiency**, showcasing the transformative potential of our cutting-edge accelerator.
- *Significantly, **reaching this stage in a conventional project would typically necessitate an investment of $100,000 in consulting fees** and around three months of project effort.*