



Case Study

Financial Services

EDW AND DATA LAKE FOR A REINVESTMENT FUND SOLUTION PROVIDER

Client Overview

Reinvestment fund solutions provider with products and services aimed at increasing the flow of capital to historically underinvested communities across the US.

Client Challenges

- Limited DWH/BI setup in current environment
- 170 GB of data across 15 years to be handled
- Lack of data governance, data quality management, metadata management, etc.

Indium Solution

- Deployed an Azure based EDW and Data Lake Hybrid Data platform solution using Azure Stack including Databricks
- Combine all structured, unstructured, and semi-structured data using Azure Synapse Analytics Pipeline to Azure Databricks
- Analytics use cases on Databricks
- Data cleansing and transformation of unstructured data using Spark tools
- Pattern-based Data Ingestion Process on metadata driven framework, using Parquet

Business Outcomes

3X

Improvement in credit risk analytics

15

Years of past data handled

2X

Increase in efficiency



Tech Stack

