



# Databricks Technology

## Solution Description

ChainSys is a pioneer in ML-driven Metadata Management, Data Cataloging, API Cataloging, Data Migration, Data Integration and Business Intelligence. With value to Customers at the core of our approach, our products are designed with a low code/no code philosophy and AI/ML capabilities to make your data journey easy.

## How it Works

### **Step 1: No Code Data Pipeline and Transformation**

Data teams can construct scalable pipelines in an optimized Apache Spark™ implementation leveraging ChainSys Data Engineering Integration (DEI) with the Databricks Lakehouse Platform.

### **Step 2: Optimize Spark Jobs and Utilize Delta Lake for Reliability**

Delta Lake scales data sets and data pipelines for analytics and machine learning projects with high reliability and performance. Provision analytics models fast to increase data management speed and agility.

### **Step 3: Select the Appropriate Datasets for Analysis**

With a robust connectivity between the ChainSys Enterprise Data Catalog (EDC) and Databricks, you can automate your organization's data governance processes. In Delta tables, trace the provenance of data for complete data lineage tracking.

### **Step 4: Seamlessly Connect with a Plethora of Endpoints**

Our API Catalog is a powerhouse of preset APIs built to connect with many endpoints and helps to import data rapidly and efficiently into the required destination as per your business needs.

## ChainSys Approach

- Ingest Data Easily and Quickly into the Delta Lake
- Achieve Quicker Time to Value and Single Source of Truth for Analytics
- Verify Data Lineage for Analytics and ML

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