

BROCHURE

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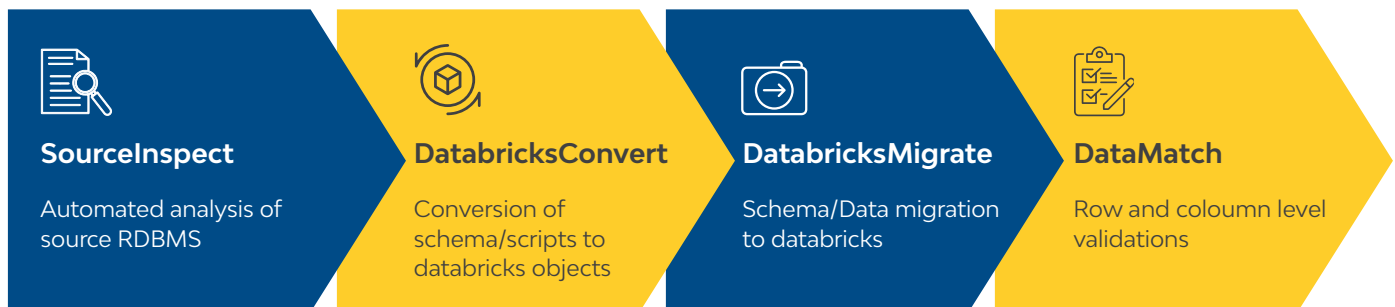
# **LTIMindtree Alcazar** **The Lakehouse Castle**

# Accelerate MPP Modernization to Databricks

In today's world, data explosion is a major phenomenon that poses challenges to traditional on-premises Data Warehouse platforms. Hence, organizations are moving toward cloud-based data platforms that provide greater flexibility and cost-effectiveness.

However, modernizing on-premises data platforms to the cloud requires significant efforts. Migration of Data/Schema and ETL demands a high degree of planning, reverse engineering, and technical competencies that amounts to higher cost, efforts, and considerable time.

LTIMindtree Alcazar, an intelligent modernization accelerator for Databricks, addresses these migration challenges by providing automated solutions for Data/Schema and ETL migration.



**SourceInspect** : Automated analysis of current legacy EDW, and MPP objects with complexity analysis

**DatabricksConvert** : Migrate/ transform the source database objects from source syntax into equivalent Databricks objects. This module also converts objects, like procedures and functions, into equivalent Pyspark scripts

**DatabricksMigrate** : Automated migration of data from Source tables to Databricks Catalog in an optimized manner using Databricks features

**DataMatch** : Validation of migrated data between source and Databricks, leveraging Databricks' spark feature for better performance. Validation is conducted at row and column levels, providing detailed reports about results and any discrepancies

# Key Benefits

## Cost Saving

Massive cost savings due to reduced migration time

## Reduced Efforts

Reduced effort due to the automation and simplification of data platform migration activities



## De-risk Migration

Key principles, best practices, and industry guidelines are the backbones of our accelerators

## Data Quality Assurance

Through quality analysis and report on the migrated data

## Multi-appliance Support

Supports data platform migration for multiple MPP appliances

# Value Proposition

- 60-70% automation\*\*
- Reduced efforts
- Cost savings
- Easy-to-use UX/UI
- Reduction in manual errors as an effect of automation
- Repeatability

\*\* Subject to current environment complexity



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