LTIMindtree

BROCHURE

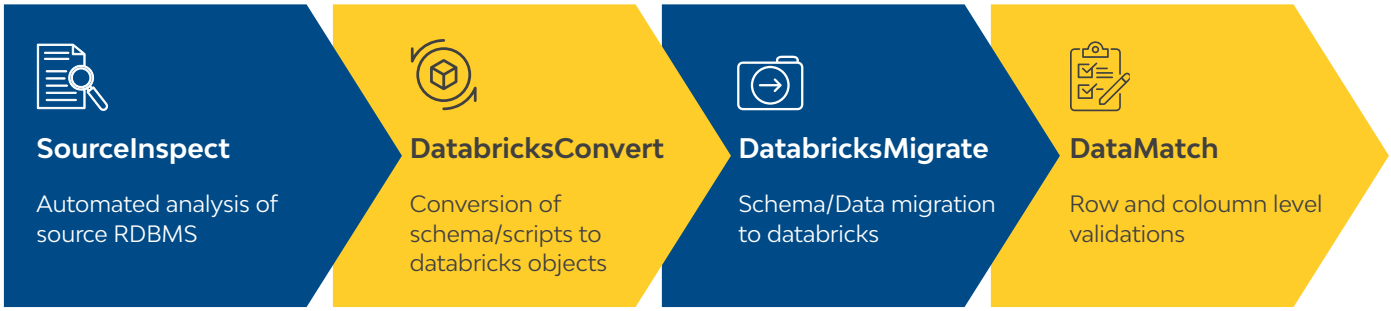
LTIMindtree Alcazar
The Lakehouse Castle

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, effort, 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 efforts 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 mutiple 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

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit **www.ltimindtree.com.**