



LTIMindtree Alcazar The Lakehouse Castle

Accelerated & Cost-Effective Data Platform Modernization to Lakehouse

Data explosion is a major phenomenon that poses challenges to traditional on-premises data warehouse platforms in today's world. Continuous scaling of the platform does not appear to match data velocity, resulting in high procurement and operational costs. And hence, organizations are moving toward cloud-based data platforms that provide greater flexibility and cost-effectiveness. Traditional analytics platform comprises many different tools and present integration costs and challenges. Databricks Lakehouse provides a unified platform to store, process, and report on data; and execute AI/ML-based advanced use cases.

However, modernizing on-premises data platforms to the cloud demands a high degree of planning, reverse engineering, and technical competencies that amount to higher costs, efforts, and significant time.

Alcazar, an intelligent modernization accelerator for Databricks addresses these migration challenges by providing automated solutions for Data/Schema and ETL migration. A suite of ML ops accelerators simplifies AI/ML implementation with Databricks making it real to test and develop Advanced Data Science use cases at a great speed.

Services

Data Platform Modernization

Suite of Accelerators to Migrate Legacy Data Warehousing (DHW), Massive Parallel Processing (MPP), and Hadoop to Databricks



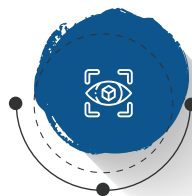
Databricks Migration
Accelerator & FinOps Accelerator
Cost and Performance Optimization

Databricks certified Experts and Dedicated COE



Data Engineering
Consulting-led design framework for Databricks Implementation

Plan and Strategize



Data Science
AI/ML-driven Use Cases

Model Training & Dedicated Practice & Model Repository

CI/CD for AI Model



ML Ops
Model Build & Operationalization @Scale

Accelerator for AI/ML Ops

Key Benefits

Cost Saving

Massive cost savings due to reduced migration time and manual efforts required

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

Optimized Platform

Constant monitoring of Databricks platform and recommendations for optimization

Value Proposition

- 60-70% automation**
- Reduced efforts
- Cost savings
- AI/ML use case enabler
- Reduction in manual errors as an effect of automation
- Repeatability

** Subject to current environment complexity

