

CASE STUDY

Data-Platform Implementation through Azure Databricks



Client profile

Our client, a prominent UK-based insurance company, offers specialist high-risk insurance and reinsurance for various sectors, institutions, and purposes, with unrivaled service.

Business challenges



Lack of insight and knowledge for underwriting decision-making, hindering risk assessment and management.



Limited understanding of insured parties and market dynamics, impeding portfolio management and customer engagement.



Absence of a data-driven culture, resulting in reliance on traditional processes and inhibiting innovation and efficiency.



Challenges in profit margin and prolonged time-to-market rollout, highlighting the need for streamlined operations and enhanced decision support systems.

LTIMindtree solution

- 01** | LTIMindtree built a robust data platform using Azure Databricks. This platform served as a centralized repository for reliable reporting and analytics.
- 02** | The platform provided reliable reporting, analytics, and operational insights using the data lakehouse architecture.
- 03** | Experts in business intelligence, reporting, data science, and machine learning collaborated, allowing the platform to analyze and explore data across various domains thoroughly.

Key advantages of the data platform include:

Utilized a consistent data source to drive informed decisions, optimize underwriting portfolios, and leverage loss and exposure data for strategic advantage.

Users could ingest and analyze ad hoc or new datasets, uncovering actionable insights and gaining a competitive edge.

Established a trusted data source with standardized business definitions, accessible through intuitive interfaces for seamless information consumption.

Accessing and leveraging diverse, high-quality data improved underwriting and claims decisions, ultimately increasing operational efficiency and customer satisfaction.

Business benefits



Successful platform releases empowered end-users with enhanced pricing intuition, portfolio clarity, and industry perspective.



Utilizing a cloud-based, scalable, and performant platform reduced total ownership cost.



Adopting a phased agile development approach resulted in quick time-to-market and improved cost efficiency, ensuring alignment with business priorities.



Implementing a scalable, high-performance, unified data platform ensured timely access to accurate information, enabling informed decision-making and driving business growth.

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