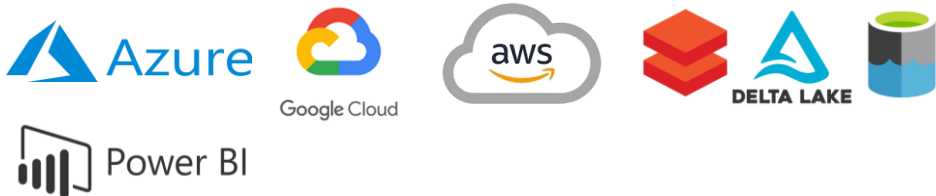# Transforming Data Insights and Reducing Costs with Databricks Lakehouse Platform (Unity Catalog + Delta Lake) for a Leading Global Consumer Services Company

Situation & Objective

- Our client faced data insights challenges due to a fragmented data architecture, leading to increased costs. The objective was to implement a unified platform for Data Lake and Data Warehousing to improve insights and reduce expenses.

Impact and Benefits

Enhanced Data Insights: Real-time insights and 40% faster analysis facilitated data-driven decision-making.

Cost Reduction: Achieved a 50% cost reduction through consolidation of systems and improved operational efficiency.

Improved Collaboration and Efficiency: Streamlined data access led to a 30% increase in collaboration and a 25% boost in overall productivity within the organization

Solution Approach

- UsefulBI partnered with the client to implement Databrick's Lakehouse platform, enabling unified data processing and analysis. A comprehensive org-level catalog provided a single entry point for all data consumers, ensuring seamless access for reporting and AI/ML
- Collaborating closely, we designed and implemented the technical aspects, including data pipelines, transformation processes, and models tailored to user groups. The unified catalog was successfully deployed to test and prod environments, ensuring a smooth transition.