LTIMindtree

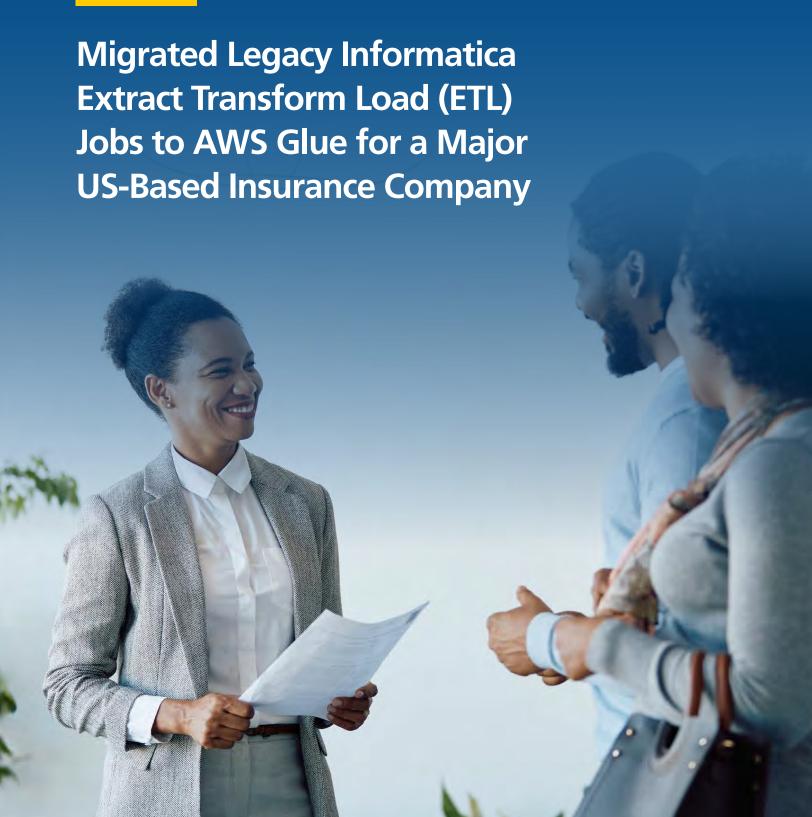# Migrated Legacy Informatica Extract Transform Load (ETL) Jobs to AWS Glue for a Major US-Based Insurance Company

Client

The client is a Fortune 200 American holding company that operates multiple insurance and investment management businesses. The company is headquartered in Radnor, Pennsylvania, US.

Business Challenges

- Migrate Informatica large volumes of ETL jobs from the on-premises data center to the AWS cloud effectively.

- Migrate Informatica workflows to AWS Glue seamlessly, minimizing the manual effort.

- Transfer mappings, transformations, and data dependencies to the AWS cloud, aligning with the customer's cloud-first strategy.

- Manage complex data pipelines and maintain the scheduling requirements.

- Ensure cloud best practices are followed.

LTIMindtree Solution

- Created a proprietary migration accelerator to automate the migration of Informatica workflows to AWS Glue with minimal human interventions.

- Utilized an intelligent parser to analyze and migrate existing ETL business logic to AWS Glue, retaining the mapping, transformations, and data dependencies.

- Implemented a configuration-based solution, allowing flexibility for customers to change the source and target definitions post-migration.

- Managed complex data pipelines, enabling manual customization of transformations and the inclusion of non-functional directives.

- Leveraged LTIMindtree Scarlet's ETL migrator to convert ETL jobs to AWS, achieving approximately 50% automation in the conversion process.

Business Benefits

Achieved approximately 30% in time and cost savings through the automation-enabled ETL migration.

Ensured scalability and flexibility by leveraging AWS Glue's scalable infrastructure for large data processing.

Achieved a seamless transition from Informatica to AWS Glue.

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