

AMAZE for Data & AI – Case Study

ETL workflows migration from Informatica to Azure Data Factory



Customer Profile

US headquartered
Biopharmaceutical Enterprise

\$2.5 Bn
Revenue



20,000+
Employees
worldwide



Challenges



- **Slow data ingestion:** 300 on-premises Informatica workflows could only ingest critical clinical research data in batches from 10 different applications into their current Oracle 12c Database. Customer wanted to ingest data in real time
- **High migration cost:** To accelerate data ingestion, customer wanted to migrate their ETL workflows to cloud. In absence of a repeatable and tested ETL migration framework, manual migration was both risky and expensive
- **High TCO:** Exorbitant licensing cost of Informatica and Oracle database was a huge burden on their TCO

Solution



- Hexaware proposed to migrate their Informatica workflows to Azure Data Factory (ADF), leverage Azure Stream analytics for real time data ingestion and store it in a highly scalable and secure Azure SQL Database through their *AMAZE for Data & AI* platform
- **AMAZE assessed the ETL workflows automatically** and provided a comprehensive **metadata and complexity analysis report** to identify the code upgrade, development and testing efforts
- **AMAZE** automated the migration of Informatica transformation types like source qualifiers & definitions, lookups, expressions, joins, aggregates to work with ADF. SQL construct statements were also converted to make them compatible for Azure SQL Database

Benefits

65%
Faster



Automated assessment and migration of 300 Informatica workflows to ADF by AMAZE reduced migration time by 65%

40%
Better



AMAZE reduced the ADF pipelines code development and validation efforts by 40%

35%
Cheaper



TCO was reduced significantly by migrating to Azure. Automated migration through AMAZE helped them realize the reduced TCO benefits much faster