

HEXAWARE

Hexaware and Databricks

Powering data-driven
enterprises



Hexaware & Databricks

Powering the next
wave of data
transformation

Hexaware brings a fresh, modern approach to helping businesses grow with their data and analytics platforms.

By combining deep industry expertise with the Databricks platform and its latest features, we simplify complex data environments and make advanced AI more accessible.

Now move faster, make smarter decisions, and scale data and analytics initiatives with confidence.

As your trusted Databricks consulting partner, Hexaware guides you with powerful implementations for unified enterprise analytics—not only through technical excellence but also by understanding the bigger picture: turning enterprise data into real business value.

How we accelerate
business outcomes

Hexaware is proud to be a **Silver Databricks Services Partner**



500+

Databricks
Certifications

Over 50

Professional
Certifications

15

Recognitions as
Databricks Champions



Hexaware: Scaling Databricks Excellence

Transform Data into Actionable Intelligence with Databricks Experts You Can Trust

Unlock the power of Databricks – turn your data into decisive, business-ready insights.

We are a selected partner for the Databricks Delivery Provider Program, scaling Databricks' Professional Services by delivering services and packages on their behalf.

Our expertise spans Data Warehousing, Generative AI, and Unity Catalog. We are a brickbuilder specializing in financial services, security, governance, and Data Warehousing.

We have served clients across industries such as Banking, Financial Services, Insurance, Healthcare & Life Sciences, Manufacturing & Consumer Goods, and more. Among our Databricks engagements, Hexaware is responsible for implementing and managing the Databricks environment for one of the largest DBU consumers worldwide.

Hexaware's expertise in Databricks and our innovative accelerators ensure that your organization stays ahead in the rapidly evolving data and AI landscape.

Solutions and Accelerators

Industry Solutions & Accelerators

Amaze® (SaaS to PySpark)

Accelerator with LLM-driven automation to convert legacy SAS into optimized PySpark notebooks

- 5x boost in conversion speed
- Cutting timelines up to 80%

Marketing Data Foundation

Cross industry solution that unifies, cleanses, & organizes 1st party customer data across all channels for marketing objective

- Quick Time to Market
- Reduced Vendor Lock

Digital Co-pilot for Brokers

Insurance solution to automate document processing, extract data, detect discrepancies, and enable interactive Q&A

- 68% reduction in processing time versus manual workflows

PaymatiX™

Banking solution to build a unified data analytics platform for retail banking & payments, generating insights through Data or Analytics as a Service

- 50% reduction in customer churn
- 4-6 months implementation

Incident Resolution Assistant

Accelerator with an agentic framework to auto-retrieve & summarize historical incidents and support Q&A

- 67% drop in resolution time
- 3x increase in efficiency

Audience Match.ai

Cross industry solution for audience segmentation & strategy needs by delivering behavioral personas

- 360° customer journey insights

Clinical Data as a Service

Healthcare & LS solution offering Data as a Service to enhance efficiency, accuracy, & compliance in clinical & preclinical data management across all stages

- Empowers clinical teams with workflows, & data quality

Data Manager.ai

Healthcare & LS solution to transform clinical trials with AI-driven automation, real-time collaboration, enhanced data quality, and compliance

- Empowers Data managers and Clinical Research assistants

Agentic AI across the Data & Analytics Value Chain

Agentic Data Engineering



Automates ingestion, profiling, transformation and ETL pipeline building through agents

Data Readiness for AI



Makes Data Ready for AI/ML and advanced analytics use cases at Enterprise Scale

AI Solutions



Turns curated datasets into instant business value through autonomous & conversational analytics



"Vibe Analytics"



Transforming Data Engineering with Agentic AI on Databricks

Driving speed, consistency, and automation across the data engineering lifecycle through AgentBricks-enabled AI-native accelerators



Charles
Analyst

Hexaware AI Agents with Agent Bricks

Data Engineering Journey

Data profiling

Challenge:

- Raw data with hidden gaps and anomalies
- Nulls, outliers, and mis-formats remain undiscovered until late in the project
- Manual checks consume days of effort

Solution:

Profiles raw data files and secure database connections

Outcome:

- Unified Combined CSV as a single blueprint
- Consolidated columns and standardized data types

Data Catalog

Challenge:

- Different teams use conflicting terms for the same data
- No shared glossary leading confusion
- Hard to reconcile reports across business units

Solution:

Summarize datasets in natural language and auto-generate business glossary terms

Outcome:

- Establishes a common business vocabulary
- Auto-generated glossary links data to meaning

Data Quality

Challenge:

- Missing or invalid values disrupt critical metrics
- Business rules rarely enforced systematically
- Quality issues discovered too late, causing rework

Solution:

Parse user-supplied mapping files and DQ rule definitions to automatically generate executable PySpark code

Outcome:

- Automates rule discovery; reduces manual effort in defining DQ checks
- Identifies potential quality gaps

Data Transformation

Challenge:

- Curating analytics-ready data requires heavy manual coding
- Joins, aggregations, and business logic are inconsistent
- Lineage is undocumented, creating compliance risks

Solution:

Generates and modifies transformation scripts by parsing mapping specifications, enabling automated creation

Outcome:

- Curated, analytics-ready dataset delivered
- PySpark code generated directly from business rules

Hexaware- Databricks Success Stories

Real Stories. Real Impact.

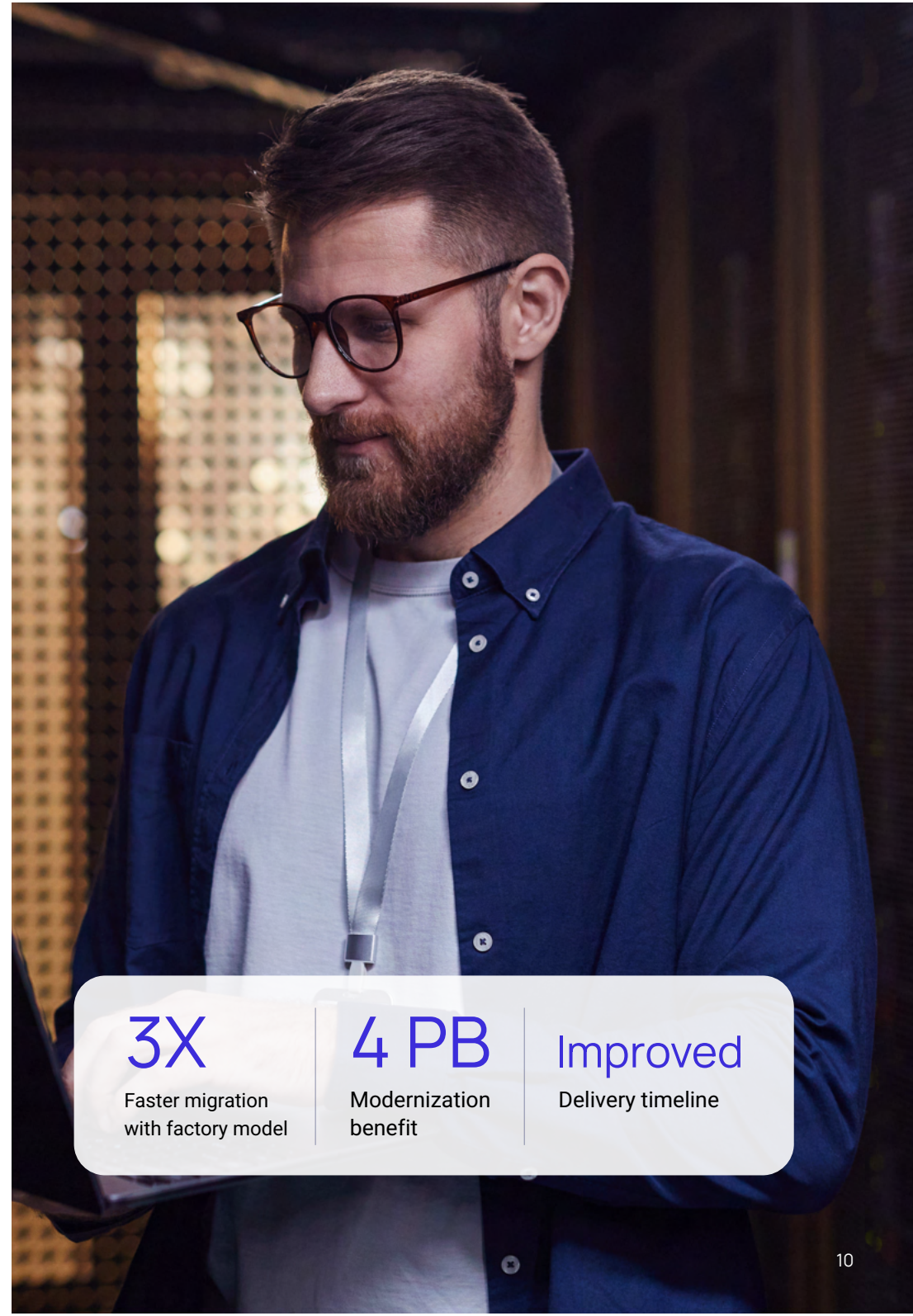
Global Big 4 Assurance Firm

Scaling Data Modernization with Azure Databricks

The client's legacy SQL server system lacked scalability, incurred high maintenance costs, and faced delays due to limited SME availability and complex data retention needs.

Solution

- Recommended Azure Databricks for scalable enterprise data warehousing.
- Accelerated legacy workload migration using ADF to the Azure cloud.
- Implemented Unity Catalog for improved data quality and cataloging.
- Utilized Delta Live Tables for reliability and performance optimization.
- Deployed the solution globally in 25 regions, including Red Zone regions.
- Migrated 4 PB of data, 8500+ SSIS packages, 6200+ stored procedures, and 220+ data sources.
- Achieved significant cost efficiencies through Azure Databricks' advanced optimization techniques and scalable infrastructure.
- Improved delivery timelines and minimized risks via robust automation frameworks and consultative leadership involving close collaboration with stakeholders



3X

Faster migration
with factory model

4 PB

Modernization
benefit

Improved

Delivery timeline

Leading Australian Insurer

Accelerating Digital Transformation with Databricks

Client's legacy SAS system was costly, hard to scale, and lacked integration with modern platforms, impacting efficiency and flexibility.

Solution

- **Automated Code Conversion:** Used Amaze® to seamlessly transform SAS scripts into Databricks notebooks with minimal manual intervention.
- **Quality Assurance:** Integrated quality checks to ensure accuracy, reliability, and data integrity in the converted code.
- **Performance Optimization:** Leveraged Databricks' capabilities to improve processing speed and scalability post-conversion.
- **Accelerated analytics and decision-making:** Enabled improving data processing speed through optimized Databricks workflows.
- **Future-ready data ecosystem:** Achieved by enhancing scalability and enabling seamless integration with modern platforms for evolving business needs.

30%

Reduction in
processing cost

Enhanced

Scalability

Automated

Code conversion

Leading North American Bank

Accelerating Azure Data Modernization at Scale

The client's legacy access ecosystem (130+ ACCDBs) caused operational risks, data inconsistencies, reconciliation delays, and manual effort, impacting scalability and compliance.

Solution

- Modernized legacy data by migrating 371 Access tables and 1,063 queries to Azure using Databricks, Bitbucket, and continuous integration/ continuous deployment (CI/CD)-driven agile sprints.
- Strengthened data quality through automated monitoring, precise social security number/taxpayer identification number (SSN/TIN) mapping, and SBA exception isolation, eliminating false positives.
- Improved financial accuracy by delivering an enterprise data model, automating fee ingestion, and correcting GL average balance logic.
- Cloud-enabled operations by consolidating undocumented manual processes into a governed platform with automated extract, transfer, load (ETL) testing, and hypercare support.

60+

Legacy databases
centralized

35%

Faster
transition

CIP 2026

Readiness for
enhanced data quality

Leading Global Commercial Insurer

Unlocking 70% Faster Analytics with Data Modernization

The client's legacy EDW migration to Azure Databricks caused performance issues, manual workflow triggers, and limited auditing/logging capabilities.

Solution

- Migrated on-premises EDW to Azure Databricks for improved scalability and performance.
- Implemented Databricks Unity Catalog for centralized access control, auditing, data lineage, and discovery to ensure secured governance.
- Enabled cross-workspace capabilities and automated user-level audit logs with system tables for governance and transparency.

~70%

Improvement in BI
report performance

Faster

Insights with
data modernization

Enhanced

Data governance

Global Professional Services Leader

Enhanced Scalability and Operational Efficiency with Modernized Cloud-Based Architecture

Our client was grappling with an expensive legacy SQL environment, scalability challenges, an expiring Qlik platform, and a complex data and business logic migration.

Solution

- Conducted automated assessment of the existing landscape using Hexaware's Amaze® platform to analyze and classify objects.
- Migrated on-prem EDW to Azure Databricks while seamlessly transitioning Qlik reports to Power BI on the Azure Cloud.
- Accelerated workload migration by converting SSIS packages and stored procedures to ADF and Databricks PySpark.
- Utilized Databricks Unity Catalog for centralized data governance, ensuring secure access, auditing, and lineage.
- Minimized business impact by migrating data mart schemas "as-is" and enabling smooth downstream app integration.

~60%

Automation accelerated migration timelines

40%

Faster time-to-market

Faster

Insights with data modernization

Leading American Healthcare Innovator

Scalable Infrastructure Enabling Faster Compliance with New Healthcare Demands

The client's outdated on-premises infrastructure hindered its scalability and agility, limiting patient data sharing and compliance with evolving regulations.

Solution

- Rationalized and migrated on-premises data lake workspaces to Databricks on Azure for enhanced performance and flexibility.
- Leveraged PySpark/Spark SQL to transition processing from source to consumption, optimizing tasks and analytics workflows.
- Built scalable architecture with Databricks, Delta Lake, and Databricks SQL for superior data management and analytics.

15%

Reduction in
operational cost

Enhanced

Processing
efficiency across
all data workflows

Accelerated

Client's data
transformation

A Major North American Bank

Transforming Credit Card Operations with Data Modernization and Re-platforming to the Cloud

Our client struggled with outdated legacy systems, manual processes, and fragmented reporting methods, including modernizing credit card data, aligning reports with cloud infrastructure, and streamlining merchant card marketing reports.

Solution

- Modernized credit card data assets by migrating analytical data warehouse, data pipelines, and ETL jobs to Azure Databricks cloud.
- Converted 250+ SAS reports to PySpark in Azure Databricks using a SAS-to-Python automation accelerator, cutting manual effort.
- Migrated merchant card reporting to Azure Databricks cloud, improving tracking for 375+ merchants and 33,300 store managers.
- Developed 55+ business reports on Databricks for account activity, applications, GL, and ACH transactions.

\$3.5Mn

Savings through
cloud transformation
of business SAS reports

40%

Cost optimization

70%

Operations
moved offshore
from 90% onsite

A Prominent Global Specialty Insurance and Reinsurance Organization

Data Re-platforming: Leveraging Databricks Lakehouse for Transformation

The client needed a strategy to drive digital differentiation, accelerate technology adoption, strengthen data governance, modernize its data platform using cloud capabilities, and improve cost efficiency and performance.

Solution

- Partnered with the client to achieve their data and analytical roadmap.
- Built an automated, reusable data governance framework for enhanced monitoring, auditing, and regulatory compliance.
- Identified high-impact deliverables and established seamless workflows.
- Reconstructed and repointed reports to align with the new architecture.
- Delivered Power BI reports (built or refactored) rapidly to accelerate business functions through self-service for super-users.

50%

Faster business
insights

2X

Improvement in
overall performance

40%

Reduction in total
cost of ownership

A Major American Bank

Empowering Financial Data Agility for a Leading Financial Institute

The client struggled with 6B+ data overload, legacy on-prem limits, complex integrations, compliance during cloud migration, slow tool adoption, and the need for AI-driven automated cloud enablement for fraud analytics.

Solution

- Implemented unified cloud transformation via Azure Cloud (Databricks and Synapse) for the credit card BU.
- Enhanced efficiency and centralization by hosting bank data on Azure, streamlining data hosting processes.
- Migrated 250 scripts to Azure Databricks PySpark/SQL, transforming SAS code for streamlined operations.
- Built a metadata-driven common reporting Framework for all Excel and PDF-based reporting needs
- Improved data scalability with PySpark for distributed computing and scalable computing solutions.
- Built a metadata-driven framework for daily data replication from on-premises to the cloud, including audit and balance control functionalities, customizable for new changes.

40%

Improvement in
user efficiency

5X

Improvement in
cost and performance

10X

Speed to
market

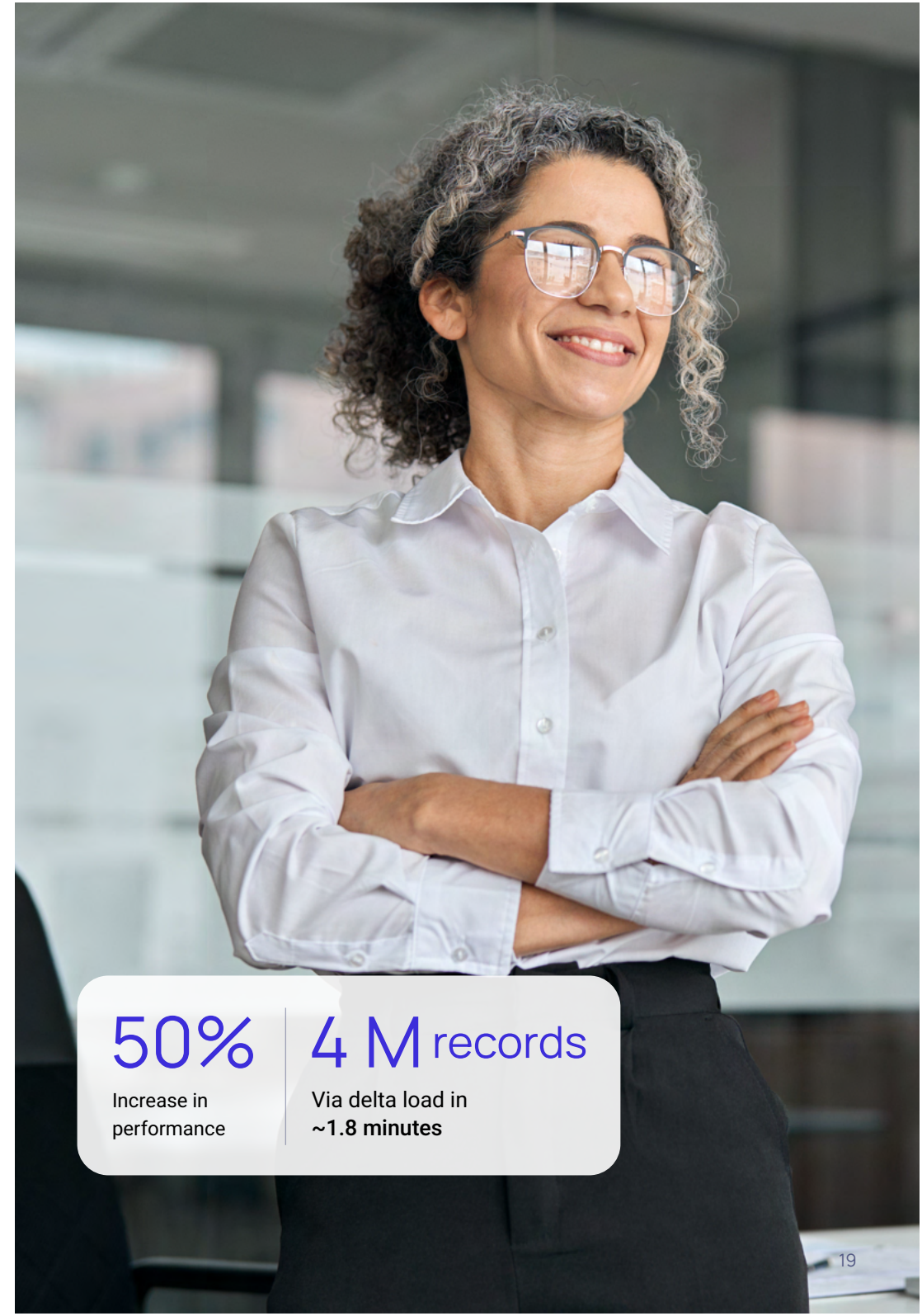
One of The Largest Insurance Companies In The UK

Optimizing Data Integration and processing in Databricks for Enhanced Client Management

The client faced significant challenges due to code duplication arising from the mixed use of PySpark and SQL following SonarQube-Databricks integration. Additionally, Databricks notebook output limitations of 20MB restricted the client's ability to execute required data operations at scale.

Solution

- Implemented a client database for a single version of truth for clients across various policy administration systems.
- Ingested, merged, cleansed, validated, and loaded data from 9 systems into Azure Storage (Blob).
- Developed a matching framework using the Soundex Algorithm to find potential unique customer matches across different systems.
- Demonstrated batch data processing capabilities using Databricks Delta.
- Implemented Change Data Feed (CDF) functionality for cost-effective delta loads when source systems did not provide changed data.
- Applied various cost optimization techniques in Databricks to reduce storage (Parquet files) and computation costs.



50%

Increase in
performance

4 M records

Via delta load in
~1.8 minutes

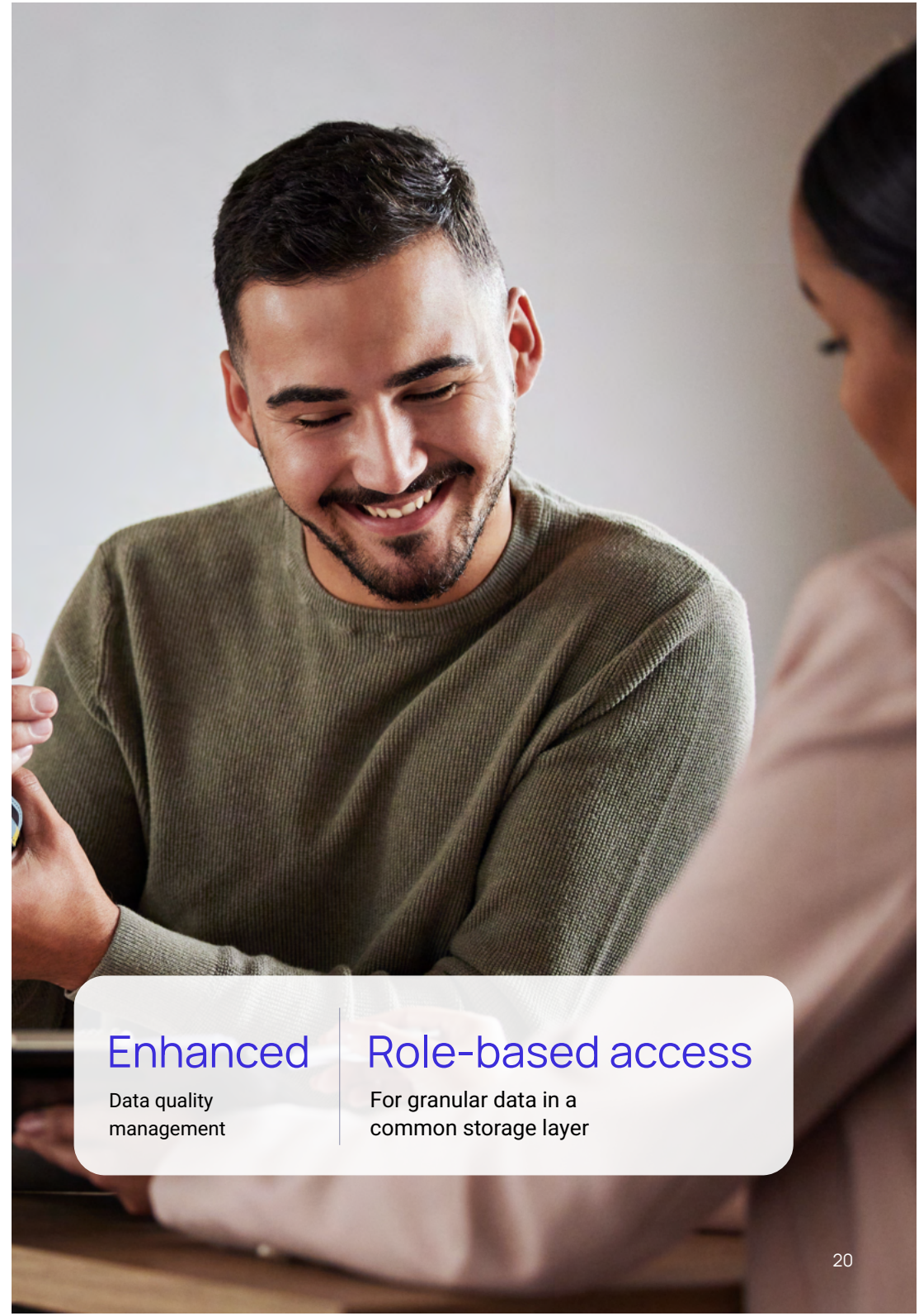
A Europe-Based Global Provider of Life and Non-Life Insurance

Accelerating Data Transformation & Analytics with Databricks Integration

The client faced fragmented processes across multiple systems, delayed SLAs due to high data volumes, and limited scalability and elasticity within its on-premises environment.

Solution

- **End-to-end SAS modernization:** Migrated enterprise data from legacy SAS platforms to Azure Synapse and ADLS using ADF, Databricks, Python, and PySpark.
- **Unified ingestion at scale:** Designed a common data ingestion framework to seamlessly onboard multi-line business data into ODS and SCD2 (DWH) layers.
- **Business-aligned transformations:** Implemented DWH-to-DMA transformations fully aligned with existing SAS business rules, ensuring continuity and accuracy.
- **Assured data parity:** Delivered detailed, end-to-end SAS vs. Synapse comparison reports for validation.
- **Accelerated migration:** Used Amaze[®] to automate conversion of SAS ETL pipelines to ADF, significantly reducing manual effort.
- **Broad domain coverage:** Successfully migrated critical domains, including life, non-life, employee benefits, healthcare, finance operations, and IT document Management.



Enhanced

Data quality
management

Role-based access

For granular data in a
common storage layer



Interested in accelerating your business outcomes?

Let's start the conversation.

Reach us today at marketing@hexaware.com and discover how our expertise can accelerate AI adoption across your enterprise.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at <https://www.hexaware.com>.

Get in touch