

HEXAWARE

Hexaware for Cloudera

Modernize data. Scale AI.
Deliver value faster.



Hexaware Your Trusted Consulting Partner

Unlock the full potential of your enterprise data with **Hexaware's Cloudera consulting and managed services**.

We design, build, and operate **Cloudera on AWS** and cloud-native data platforms powered by **agentic AI, advanced analytics, and AI-ready architectures**—helping you modernize faster, reduce migration risk, and deliver measurable business impact.

Modernize your Cloudera data platform. Realize value—faster.

Why Hexaware for Cloudera

Enterprise-scale Cloudera modernization, built for AI

Hexaware helps enterprises design, modernize, migrate, and operate Cloudera environments across cloud and hybrid data estates - combining data engineering expertise with automation, managed services, and AI-ready architectures.



Operate at enterprise scale

DataOps, observability, FinOps, platform administration, and 24x7 managed services for mission-critical environments.



Modernize with confidence

Roadmaps, readiness assessments, platform modernization, and incremental migrations that reduce delivery risk.



Prepare data for AI

Agentic data engineering, governed AI-ready data assets, MLOps/LLMOps, and self-service analytics.

Three ways we create value with Cloudera

From data-platform modernization to AI-ready operations

Modernize the data estate

Migrate and modernize mainframe, Hadoop, database, appliance, and cloud data workloads through automated, incremental delivery.

Business value

Lower migration risk, faster releases, and a scalable data foundation.

Activate AI-ready data

Use agentic data engineering, enterprise data preparation, governed data products, and conversational analytics to move AI beyond pilots.

Business value

Faster AI adoption, reusable data assets, and quicker access to trusted insights.

Optimize platform operations

Strengthen performance and resilience through DataOps, observability, FinOps, administration, incident resolution, and managed services.

Business value

Greater reliability, improved efficiency, and lower total cost of ownership.

See how organizations are applying these capabilities to deliver measurable outcomes.

Success Stories

The background of the slide features a series of smooth, flowing, and overlapping waves in shades of blue and purple. These waves originate from the bottom left and curve upwards and to the right, creating a sense of movement and depth. The lighting is soft, with highlights and shadows that give the waves a three-dimensional appearance. The overall color palette is cool and sophisticated, set against a dark, almost black, background.

Leading Investment Bank in Singapore

Enterprise Analytics with a Cloudera-Powered Hadoop Data Lake

The client needed to bring custodian, fund-management, and reporting data into a governed repository. Data was scattered across multiple sources, creating manual reporting effort, inconsistent ownership, and limited visibility into fund and asset management performance.

How Hexaware Helped

- Ingested source-system data into a Cloudera Hadoop data lake, making it available through files, REST services, and direct table access.
- Integrated the data lake with Teradata Data Mart to support batch and real-time analytics.
- Automated ETL workflows with Informatica to improve data movement, transformation, and pipeline quality.
- Enabled Qlik Sense dashboards and self-service analytics with governed access to trusted data.

360°

Fund and asset
management view

30%

Reduction in
ad hoc reporting

35%

Improvement in analytics
and reporting efficiency

Leading Global Healthcare Analytics and Life Sciences Company

Mainframe-to-Cloudera Modernization for a Global Data Estate

The client was modernizing a long-running international data estate from mainframe processing to a Cloudera-based platform. Decades of accumulated business logic, sales, and medical data across 75+ countries, and many dependencies made a big-bang migration too risky.

Solution

- Established Cloudera Data Platform as the shared foundation for global data products by ingesting country transaction and reference feeds.
- Used Spark with Scala and Python for high-volume processing, with Hive and Impala supporting SQL-at-scale validation and consumption.
- Orchestrated workflows and dependencies through Apache Airflow.
- Shifted the program to incremental, evidence-led delivery using Git-based engineering, automated integration, and repeatable releases.
- Onboarded business panels sprint by sprint as source-system prerequisites became available.



243

Business attributes standardized,
improving data governance

16

Quarterly releases delivered,
reducing migration risk

146

Business panels onboarded,
expanding analytics coverage

Top Global Bank

Client Data Platform with a Cloudera-Powered Hadoop Data Lake

The client needed to consolidate custody and fund-services data to improve client reporting and provide easier access through APIs and the data lake. Fragmented ownership and multiple reporting sources limited governance, slowed insight delivery, and increased the cost of serving clients.

Solution

- Ingested source-system data into the Cloudera-powered Hadoop data lake and exposed it through REST services and direct table access.
- Automated data-quality validation and catalog creation to improve trust, governance, and reuse.
- Used in-house automation tools to accelerate code generation and validation, helping the program meet target schedules.
- Strengthened scalability and self-service access for client reporting and analytics.

5X

Faster client
access to data

40%

Reduction in
development costs

30%

Reduction in cost of
delivering data

Leading Global Bank

Capital Credit Risk Data Consolidation with Enterprise Big Data Platform

To improve capital credit risk reporting, the client needed to extend its North America platform to include EMEA data. Fragmented regional processes added complexity, put SLA compliance at risk, and required a scalable way to support unified reporting and future regional onboarding.

Solution

- Built a new data pipeline and API to integrate EMEA trade data into the existing capital credit risk platform.
- Used the enterprise Hadoop-based big data platform to ingest and process high-volume regional feeds triggered by SNS notifications.
- Processed NAM and EMEA data independently before consolidating both into a unified Capital Credit Risk report.
- Automated validation, transformation, and report generation to deliver reliable outputs within strict SLAs.
- Designed the architecture to support future regional onboarding and higher reporting volumes.

100%

Unified NAM and EMEA credit risk reporting

Zero

SLA breaches after regional data integration

40%

Reduction in development cost

Use Case Spotlight

The background of the slide features a series of smooth, flowing, and overlapping waves in shades of blue and purple. These waves originate from the bottom left and curve upwards and to the right, creating a sense of movement and depth. The lighting on the waves is soft and diffused, with some areas appearing brighter than others, giving them a three-dimensional, ethereal quality. The overall color palette is cool and modern, set against a dark, almost black, background.

Cloud-Native AI Powered Cheque Fraud Detection Solution in Partnership with Cloudera & AWS



Objective

To build a scalable and intelligent system that:

- Proactively detects fraud in cheque transactions
- Uses serverless & event-driven Cloudera on AWS services for efficiency
- Combines AI-based extraction and rule-based validation
- Provides real-time visibility for fraud monitoring



Expected Benefits

- Early Fraud Detection – faster identification of risky cheques
- **Automation** – no manual intervention, less human error
- **Scalability** – adapt across banks & regions seamlessly
- **Efficiency** – quick turnaround from cheque upload to reporting
- **Visibility** – real-time dashboards and fraud patterns



Solution

- Serverless **Cloudera on AWS architecture** for cheque fraud detection
- **Automated pipeline**: upload → extraction → fraud check → scoring → reporting
- **AI + Rule-based validation** for accurate fraud detection
- **Cloudera Operational Database** for metadata storage and **Cloudera Datawarehouse** for analytics
- **Real-time dashboards** for monitoring



Technology and business process
services for transformation at scale

Modernize data.
Scale AI. Deliver value faster.

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