

**HEXAWARE**

# MLOps Framework to Automate and Scale Your AI/ML Lifecycle

Detect drift, retrain faster, and deliver consistent value

**Flyer**



Enterprises are pouring resources into AI/ML, yet too many models stall after pilots. Hexaware guides you in addressing that gap.

Our MLOps framework brings automation, observability, and governance—on your stack, without lock-in—so models move to production faster and stay reliable at scale.

## Addressing the Challenges with an MLOps Framework

AI/ML lifecycle building, automation, observability, and trust

| Challenges in MLOps                                                                                                                       | Our Framework Offers                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Undetected drift and model decay</b><br>Training data stays static while production shifts; accuracy slips until it's costly.          | <b>Real-time drift detection</b><br>Always-on alerts for data and concept drift using statistical tests (e.g., Shannon divergence, KS tests, PSI) to catch issues early.                           |
| <b>Siloed workflows and teams</b><br>ER/data modeling, build, monitoring, and retraining run in isolation—with limited shared visibility. | <b>Cross-team collaboration</b><br>Unified, role-based views and dashboards for data science, engineering, and business—aligning technical metrics with KPIs.                                      |
| <b>Manual monitoring and retraining</b><br>Reactive checks, minimal automation, and no real-time guardrails slow response.                | <b>CI/CD for machine learning (ML)</b><br>Integrated ML pipelines with automated testing, drift-event triggers, approvals, and deployment workflows—plus real-time alerts and response guardrails. |
| <b>Low MLOps maturity</b><br>Ad-hoc pipelines and weak version control stretch retraining from days into weeks.                           | <b>AI lifecycle management &amp; governance</b><br>Automated tracking of artifacts, experiments, retraining cycles, and lineage to standardize, audit, and accelerate change.                      |
| <b>Tool sprawl &amp; platform lock-in</b><br>Mixed stacks and vendor dependencies make scale, governance, and cost control harder.        | <b>Tech-stack-agnostic flexibility</b><br>Run on AWS SageMaker, Azure ML, GCP Vertex AI, Databricks MLflow, Snowflake ML, or on-prem Kubernetes—without lock-in.                                   |

**“ Transform the AI/ML lifecycle into an intelligent, scalable, and trusted production engine**

## Proven Benefits of Our MLOps Framework Solution

Along with overcoming manual MLOps and integrating disconnected tools our framework solution delivers:

- **3x-5x** faster automated model retraining cycles
- Up to **70%** reduction in model and data drift events
- Up to **40%** cost and time optimization from automation
- Real-time visibility across AI/ML cycle and audit readiness

## End-To-End MLOps Transformation with Hexaware

We make every step of your MLOps lifecycle easier—from the first assessment to ongoing monitoring—so your solutions are strong, scalable, and well-managed.

| Assessment                                                                                               | Data Readiness                                                                               | Monitoring Setup                                                                     | Auto-Retraining                                                                          | Validation & Governance                                                                        | Unified Dashboards                                                                        |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Evaluate ML lifecycle maturity, identify bottlenecks, and address drift risks with the right strategies. | Build data marts and pipelines to support feature stores for transformed, governed datasets. | Deploy tools and methods to detect data, concept, and prediction drift in real time. | Build automated triggers and retraining workflows when drift exceeds defined thresholds. | Ensure model performance, lineage, audit logs, and end-to-end explainability within for MLOps. | Track key metrics for AI/ML models, business impact, and system performance in one place. |

## 3 Steps to AI/ML Lifecycle Automation at Scale

From proof of concept to production and enterprise-wide scale, our framework solution accelerates progress, boosts reliability, and future-proofs your ML operations.

| Step 1<br>Execute a POC                                                                      | Step 2<br>Get into Production                                                        | Step 3<br>Scale the Framework                                                          |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Simulate drift monitoring and auto-retraining using your existing live models and pipelines. | Roll out reliable automated MLOps with integrated governance and real-time insights. | Expand to multiple models and business units with future ready pipelines and controls. |

## Build Trust in MLOps for Enterprise AI

**Ready to automate and scale MLOps?** Start an end-to-end AI initiatives transformation with our MLOps framework. Reach out to [marketing@hexaware.com](mailto:marketing@hexaware.com) for more information.

### 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.