

MLOps

Streamline, Scale, and Sustain ML Workflows with DevOps Best Practices


Overview

Durga Analytics empowers businesses to deploy, monitor, and scale machine learning models reliably using robust MLOps pipelines built with open-source and cloud-native technologies.

Key Services

- CI/CD pipelines for ML model training and deployment
- Model versioning, rollback, and governance setup
- Model monitoring, performance tracking, and drift detection
- Automated retraining, testing, and validation workflows
- Secure, scalable MLOps platforms on AWS, Azure, GCP, or hybrid clouds

MLOps Lifecycle Framework

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1. **Develop:** Standardize experimentation with reproducible ML pipelines
 2. **Deploy:** Automate releases using GitOps, containers, and workflow triggers
 3. **Monitor:** Track predictions, usage, and model quality in real-time
 4. **Optimize:** Enable continuous improvement and cost visibility across models

Benefits

- Faster and safer model rollouts to production
- Higher model performance and business trust
- Lower operational overhead with automation
- Unified view of model health and compliance

Client Success

- Set up a centralized MLOps platform using MLflow and Kubernetes for a global bank
- Enabled model traceability and automated testing for a med-tech AI startup
- Reduced ML deployment time from weeks to hours for a fintech firm

