

Hands-on: Building an MLOps Pipeline

Step-by-step guide to implement a complete MLOps pipeline

Step 1

Setup: Docker, K8s, MLflow, Prometheus

Step 2

Model Training: Version data, train, log to MLflow

Step 3

CI/CD: GitHub Actions pipeline for testing & deployment

Step 4

Deployment: Deploy to K8s with Helm charts

Step 5

Monitoring: Setup Grafana dashboards, alerts

Step 6

Testing: Send test requests, verify monitoring



Tools & Platforms

GitHub repo with complete code examples