

MLOps Best Practices Checklist

Comprehensive checklist for production ML systems in healthcare

Infrastructure

- ✓ Containerized, ✓ Auto-scaling, ✓ Multi-region

Versioning

- ✓ Model registry, ✓ Data versioning, ✓ Feature store

CI/CD

- ✓ Automated testing, ✓ Gradual rollout, ✓ Rollback plan

Monitoring

- ✓ Performance tracking, ✓ Drift detection, ✓ Alerts

Compliance

- ✓ Audit logs, ✓ Access control, ✓ Documentation

Security

- ✓ Encryption, ✓ Vulnerability scanning, ✓ Backups



Tools & Platforms

Maturity Model: Level 0 (Manual) → Level 4 (Full MLOps)