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)