

## MLOps in Healthcare: Overview

**Medical MLOps:** Production deployment and lifecycle management of ML models in **healthcare environments**

### Traditional DevOps

- Code versioning
- CI/CD pipelines
- Infrastructure automation
- Deployment strategies

### Medical MLOps

- Code + Data + Model versioning
- Continuous training pipelines
- Model monitoring & drift detection
- Regulatory compliance tracking



### Healthcare-Specific Requirements

HIPAA Compliance

FDA Validation

Audit Trails

Explainability

Safety Monitoring

Version Control