

Continuous Monitoring



Performance Monitoring

- Track Accuracy, Precision, Recall
- Measure performance gaps by group
- Analyze error patterns
- Conduct A/B testing



Drift Detection

- Data distribution changes (Data drift)
- Concept changes (Concept drift)
- Prediction distribution changes
- Set alert thresholds



Anomaly Detection

- Unexpected input patterns
- Abnormal outputs
- Detect performance drops
- Automated alert system



Update Management

- Periodic model retraining
- Incremental learning
- Version control and rollback
- Pre-deployment validation



Key Monitoring Dashboard Metrics

Overall Accuracy

92.5%

Fairness Score

0.87

Drift Alert

Low

Uptime

99.8%