Performance Monitoring

Continuous Surveillance

Real-time monitoring detects performance degradation, safety issues, and opportunities for improvement in deployed RLHF systems.

Key Performance Indicators (KPIs)

- Accuracy Metrics: Diagnostic accuracy, treatment appropriateness
- Safety Metrics: Error rates, adverse event reports
- Efficiency Metrics: Response time, query resolution rate
- User Metrics: Satisfaction scores, engagement rates
- Technical Metrics: Latency, uptime, system load

Monitoring Dashboard

- Real-Time Alerts: Immediate notification of critical issues
- Trend Visualization: Charts showing metric evolution over time
- Anomaly Detection: Automated identification of unusual patterns
- Drill-Down Analysis: Investigate specific cases or time periods
- Comparative Views: Compare across versions, time periods, demographics