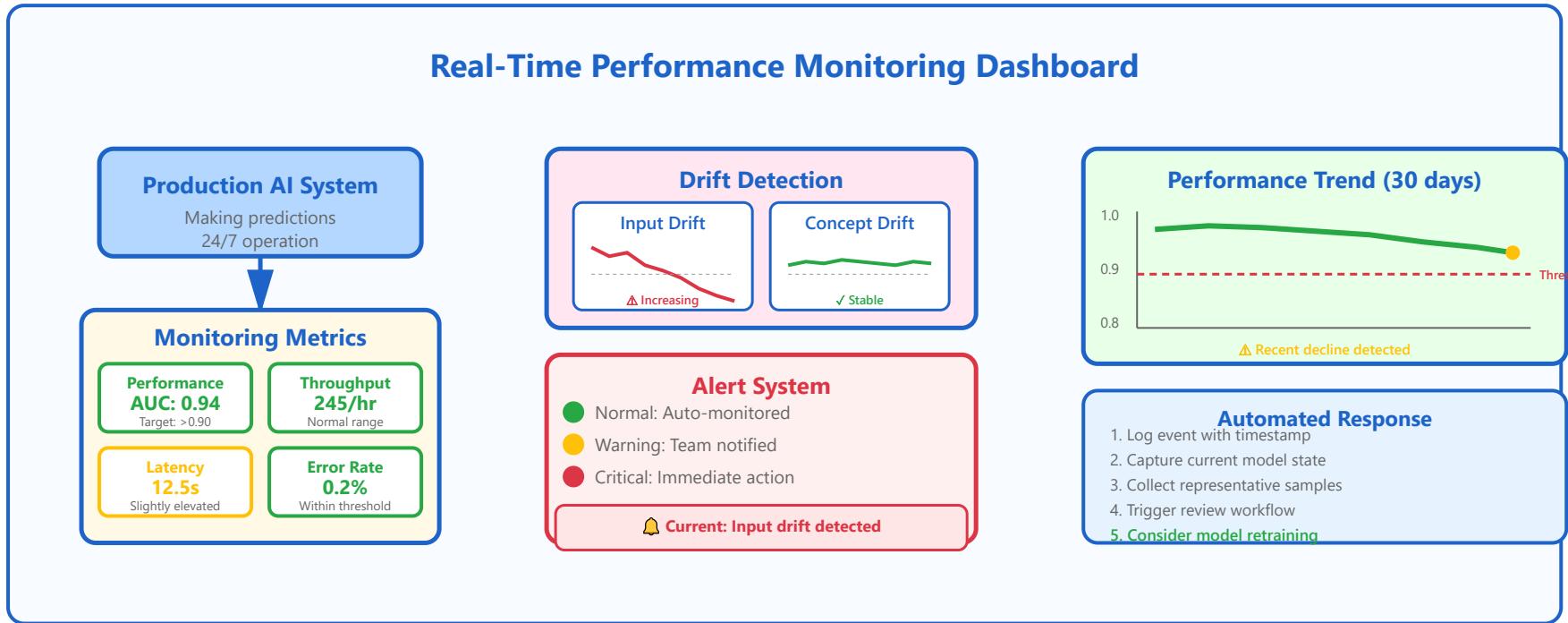


Continuous Monitoring



Real-World Metrics

Sensitivity, specificity in production. Compare to validation performance

Alert Systems

Automated alerts for anomalies. Performance degradation, unusual predictions

Performance Degradation

Detection of model staleness. Dataset shift from new equipment or protocols

Update Strategies

When and how to retrain. Regulatory considerations for algorithm changes

Regulatory Compliance

Documentation for audits. Adverse event reporting to FDA