AWS ML Associate — Section 3.2: Monitor Models

This section focuses on monitoring deployed models for performance, data drift, and bias. It highlights SageMaker monitoring services, integration with CloudWatch, and responsible model tracking.

# Monitoring Tools

• SageMaker Model Monitor — detects data drift, anomalies, and quality issues in production

• CloudWatch Metrics/Logs — captures performance, latency, and endpoint health

• SageMaker Clarify — monitors bias and explains predictions (training + inference)

# Exam Tips

• Model Monitor = main tool for drift and anomalies

• Clarify = fairness and explainability in both training and inference

• CloudWatch = operational monitoring (metrics + logs)

• Always set alerts for model drift or data quality issues