

Best Practices Checklist

Preprocessing Checklist

✓ Confirm complete PHI removal

✓ Verify abbreviation consistency

✓ Standardize dates/units

✓ Handle negative expressions

✓ Ontology mapping

✓ Handle missing values

✓ Detect outliers

✓ Evaluate bias

✓ Calculate quality metrics

✓ Complete documentation

Quality Assurance Process

1. Sample Validation: Manual review of 100 random cases
2. Automated Testing: Unit tests and integration tests
3. Performance Benchmark: Processing speed and accuracy
4. Documentation: Record processing steps and decision-making