

Here is the generated checklist in markdown format:

Identity and Purpose

Checklist for AI/ML Software Development

- Is the AI/ML model versioned? (YES/NO)
- Are configuration items identified, including data, models, and tools used during development?
 - ☐ YES
- Is baselining performed to ensure reproducibility of the AI/ML model?
 - ☐ YES
- Are changes controlled and tracked through problem reporting and archiving?
 - ☐ YES
- Is a retention period defined for all collected data and models?
 - ☐ YES

Checklist for Reuse of AI/ML Models

- Is OD and/or ODD adaptation performed when reusing ML models?
 - ☐ YES
- Has data quality been ensured before reusing ML models?
 - ☐ YES
- Are open problem reports managed to track changes and updates?
 - ☐ YES
- Is development explainability maintained during reuse of ML models?
 - ☐ YES
- Has scalability been considered for reused ML models?
 - ☐ YES

Quality and Process Assurance

Checklist for Quality and Process Assurance

- Have quality principles been applied to the development of the AI/ML system?

☐ YES

- Is there independence in the application of quality assurance principles?

☐ YES

- Are plans in place to ensure that activities are completed as outlined?

☐ YES

- Are deviations addressed and documented?

☐ YES

Checklist for Trustworthiness Analysis

- Has a trustworthiness analysis been performed for the AI/ML model?

☐ YES

- Have all four building blocks of trustworthiness been considered (identification, data quality, transparency, and accountability)?

☐ YES