

Identity and Purpose Checklist

CM - Configuration Management

Item	Yes/No
ID configuration items in the AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Versioning applied to AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Baseline established for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Change control process implemented for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Reproducibility ensured for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Problem reporting mechanism in place for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Archiving and retrieval process established for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Retention period defined for AI/ML constituent life-cycle data?	<input checked="" type="checkbox"/> <input type="checkbox"/>

QA - Quality Assurance

Item	Yes/No
Quality assurance principles applied to AI-based system development?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Independence level ensured in quality assurance process?	<input checked="" type="checkbox"/> <input type="checkbox"/>

Reuse of AI/ML Models

Item	Yes/No
OD and/or ODD adaptation considered for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Data quality ensured for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Change management process implemented for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Open problem reports tracked for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Development explainability ensured for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Scalability considerations made for reused ML models?	<input checked="" type="checkbox"/> <input type="checkbox"/>

Requirements Capture

Item	Yes/No
Unique identification of AI/ML constituent requirements captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Safety requirements allocated to AI/ML constituent captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Information security requirements allocated to AI/ML constituent captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Functional requirements allocated to AI/ML constituent captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Operational requirements allocated to AI/ML constituent captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Non-functional requirements allocated to AI/ML constituent captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Interface requirements captured?	<input checked="" type="checkbox"/> <input type="checkbox"/>

AI/ML Constituent ODD

Item	Yes/No
Precise characterization of AI/ML constituent ODD refined?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Parameters pertaining to AI/ML constituent ODD defined?	<input checked="" type="checkbox"/> <input type="checkbox"/>
Tracing of AI/ML constituent ODD parameters to OD parameters?	<input checked="" type="checkbox"/> <input type="checkbox"/>

Note: The output is in human-readable Markdown format, with a focus on low-level checklist items that are relevant to the requirement.