

Here is the generated checklist:

Requirements Capture

- Has the AI/ML constituent requirements been captured and uniquely identified?
 - ☐ YES / NO
- Are safety requirements allocated to the AI/ML constituent? (e.g. performance, reliability, resilience)
 - ☐ YES / NO
- Are information security requirements allocated to the AI/ML constituent?
 - ☐ YES / NO
- Are functional requirements allocated to the AI/ML constituent?
 - ☐ YES / NO
- Are operational requirements allocated to the AI/ML constituent, including: - ODD monitoring and performance monitoring? - Detection of out-of-distribution (OoD) input data and data-recording requirements?
 - ☐ YES / NO
- Are other non-functional requirements allocated to the AI/ML constituent? (e.g. scalability)
 - ☐ YES / NO
- Are interface requirements captured?
 - ☐ YES / NO

Configuration Management

- Have all configuration management principles been applied to the AI/ML constituent life-cycle data, including: - Identification of configuration items? - Versioning? - Baselining? - Change control? - Reproducibility? - Problem reporting? - Archiving and retrieval?
 - ☐ YES / NO

Quality and Process Assurance

- Have quality/process assurance principles been applied to the development of the AI-based system, with the required independence level?
 - ☐ YES / NO

Reuse of AI/ML Models

- Will the applicant consider replacing or modifying a previously developed AI/ML constituent or ML model?

☐ YES / NO

- Has consideration been given to adapting OD and/or ODD for reused AI/ML models?

☐ YES / NO

- Has consideration been given to addressing data quality issues for reused AI/ML models?

☐ YES / NO

- Will the applicant manage change reports for reused AI/ML models?

☐ YES / NO

- Is explainability of development considered for reused AI/ML models?

☐ YES / NO

- Will the applicant consider scalability when reusing AI/ML models?

☐ YES / NO