

Identity and Purpose Checklist

Requirements Capture

- Have all AI/ML constituent requirements been captured?
☐ Yes / No
- Are safety requirements allocated to the AI/ML constituent?
☐ 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?
☐ Yes / No
- Are other non-functional requirements allocated to the AI/ML constituent (e.g. scalability)?
☐ Yes / No
- Are interface requirements defined?
☐ Yes / No

AI/ML Constituent Architecture Development

- Has a precise characterization of the AI/ML constituent ODD been refined from the defined OD?
☐ Yes / No
- Have all parameters pertaining to the AI/ML constituent ODD been defined and traced to corresponding parameters in the OD when applicable?
☐ Yes / No

Requirements Validation

- Have requirements for competencies needed to deal with AI-based systems been addressed?
☐ Yes / No

- Are adaptations to training syllabus to take into account specificities of AI considered?
☐ Yes / No
- Do initial training of each domain-specific license or certificate address AI-specific elements?
☐ Yes / No
- Does end-user licensing and certification account for the specifics of AI, including interaction with all relevant stakeholders?
☐ Yes / No

Design Organisation Case

- Have DOA processes potentially affected by the introduction of AI/ML technologies been identified and assessed?
☐ Yes / No
- Are key activities related to the implementation of AI/ML technologies considered?
☐ Yes / No

Note: This checklist is based on the provided document and aims to capture low-level details relevant to the development and review of artificial intelligence - machine learning software.