Identity and Purpose Checklist

AI/ML Constituent Requirements

Requirement

Yes / No

Safety requirements allocated to the AI/ML constituent (performance, reliability, resilience)

Information security requirements allocated to the AI/ML constituent

Functional requirements allocated to the AI/ML constituent

Operational requirements allocated to the AI/ML constituent (ODD monitoring, performance monitoring, detection of OoD input data, and data recording)

Non-functional requirements allocated to the AI/ML constituent (e.g. scalability)

Interface requirements for the AI/ML constituent

AI/ML Constituent ODD Characterization

Requirement

Yes / No

Define parameters pertaining to the AI/ML constituent ODD

Trace parameters to corresponding parameters in the OD (when applicable)

Modulation of Objectives

Criterion

Yes /

No

Anticipate proportionality based on AI Level (per Objective CL-01) Anticipate proportionality based on criticality (assurance level per Objective SA-01)

Note:

- The above checklist is for the author developing the artificial intelligent-machine learning software and the reviewer reviewing it.
- This checklist is relevant to the requirement and reference in YES or NO type.
- The checklist is generated at a low level, deep down the requirement.
- Output in only human-readable Markdown format.