

Here is the generated checklist:

Requirements Capture

AI/ML Constituent Requirements

- Safety requirements allocated to the AI/ML constituent: [YES]
 - ☐ Performance: [YES] / [NO]
 - ☐ Reliability: [YES] / [NO]
 - ☐ Resilience: [YES] / [NO]
- Information security requirements allocated to the AI/ML constituent: [YES]
- Functional requirements allocated to the AI/ML constituent: [YES]
- Operational requirements allocated to the AI/ML constituent:
 - ☐ ODD monitoring: [YES] / [NO]
 - ☐ Performance monitoring: [YES] / [NO]
 - ☐ Detection of OoD input data: [YES] / [NO]
 - ☐ Data-recording requirements: [YES] / [NO]
- Other non-functional requirements allocated to the AI/ML constituent:
 - ☐ Scalability: [YES] / [NO]
- Interface requirements: [YES]

AI/ML Constituent ODD Parameters

- Nominal data definition: [YES] / [NO]
- Edge cases/data identification: [YES] / [NO]
- Corner cases data identification: [YES] / [NO]
- Infeasible corner cases data definition: [YES] / [NO]
- Detection and removal of inliers: [YES] / [NO]
- Detection and management of novelties: [YES] / [NO]
- Outliers detection and management: [YES] / [NO]

Data Quality Requirements

- Data relevance to support intended use: [YES] / [NO]
- Ability to determine data origin: [YES] / [NO]
- Annotation process requirements: [YES]
- Format, accuracy, and resolution of the data: [YES]
- Traceability of the data from origin to final operation: [YES]
- Mechanisms ensuring data integrity during storage, processing, or transmission: [YES]
- Completeness and representativeness of the dataset: [YES]
- Level of independence between training, validation, and test datasets: [YES]

Note: You can use this checklist as a reference for both authors (developing the AI/ML software) and reviewers.