Here is the checklist generated for the author developing the artificial intelligence - machine learning software and the reviewer reviewing it:

Requirements Capture

AI/

AI/ML Constituent Requirements
 Has the applicant captured all requirements necessary to design and implement the AI/ML constituent? Are safety requirements allocated to the AI/ML constituent, including:
PerformanceReliabilityResilience
 Are information security requirements allocated to the AI/ML constituent? Are functional requirements allocated to the AI/ML constituent? Are operational requirements allocated to the AI/ML constituent, including:
 ODD monitoring and performance monitoring Detection of out-of-distribution input data Data recording requirements
• Are other non-functional requirements allocated to the AI/ML constituent, such as:
○ Scalability
Have interface requirements been captured?
AI/ML Constituent ODD
 Has a precise characterization of the AI/ML constituent ODD been performed? Have parameters pertaining to the AI/ML constituent ODD been defined and traced to the corresponding parameters in the OD when applicable?

Data Management

Data Management Requirements Capture

•	Have data management requirements been captured, including:
	○ Safety requirements
	 Information security requirements
	Functional requirements
	Operational requirements

- Are derived requirements reviewed from a safety perspective?
- Are failure conditions classified for each requirement validated?

Data Collection and Preparation

- Has data collection been performed to gather the necessary data sets?
- Is data labelling complete (only in supervised learning)?
- Have data transformation, pre-processing, and feature engineering been performed?
- Are the various data sets used in the learning phase identified (typically training, validation, and test data sets)?
- Have data set verification procedures been implemented, including:

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- Completeness
- O Representativeness with respect to ML requirements and AI/ML constituent ODD?

Data Independence and Bias Elimination

- Are independence requirements between data sets met?
- Has unwanted bias inherent in the data sets been identified and eliminated?

Note: This checklist is generated based on the provided text and may not be exhaustive.