

Here is the checklist in human-readable Markdown format:

Identity and Purpose

DA-09: Validation of Derived Requirements

- Have you documented evidence of the validation of derived requirements?
- Has any impact on safety/support assessment been determined?
- Are system requirements affected by AI/ML constituent?

DA-10: Verification of (Sub)System Requirements

- Have all captured (sub)system requirements allocated to the AI/ML constituent been verified?

Data Management

DM-01: Data Collection and Definition of ODD

- Have data sources been identified?
- Has data been collected in accordance with the defined ODD?
- Are DQRs satisfied for training, validation, and test data sets?

DM-02-SL: Annotated or Labelled Data Satisfies DQRs

- Is annotated or labelled data in the data set satisfying the DQRs captured under Objective DA-04?

DM-02-UL: Test Data Set Labeled and Satisfying DQRs

- Has test data set been labelled?
- Does the annotated or labelled data in this test data set satisfy the DQRs captured under Objective DA-04?

DM-03: Data Preparation Operations

- Have data preparation operations been defined to properly address requirements (including DQRs)?

DM-04: Pre-processing Operations on Collected Data

- Have pre-processing operations on collected data been defined and documented?

DM-05: Transformations to Pre-processed Data

- Have transformations to pre-processed data from specified input space into features been defined and documented?

DM-06: Distribution of Data into Separate Sets

- Has data been distributed into three separate sets meeting the specified DQRs in terms of independence (as per Objective DA-04)?

Configuration Management

CM-01: Application of Configuration Management Principles

- Have configuration management principles been applied to AI/ML constituent life-cycle data?
- Are configuration items identified, versioned, baselined, and controlled?
- Is problem reporting, archiving, and retrieval, and retention period in place?

Quality and Process Assurance

QA-01: Application of Quality/Process Assurance Principles

- Have quality/process assurance principles been applied to the development of AI-based system with required independence level?

Let me know if you need anything else!