

AI System

- System design
- Model
 - Architecture
 - Structure
 - Data structures
 - Operating principles
 - Properties
 - Parameters and settings
 - Inference process
 - Inner working
 - Input output mapping
 - System state
 - Decision making
 - Output
- Data
 - Datasets
 - Data splits
 - Data distributions
 - Data procedures
 - Data preprocessing
 - Feature engineering
 - Input variables and Features
 - Inputs
 - Features
 - Relationships between domain variables
- Training
 - Learning algorithm
 - Learning objective
- Performance
 - Assessment objective
 - Metrics

Human user

- Internal state
 - Mental model
 - Mental representation
- Objectives
 - Epistemic objectives
 - Operational objectives
 - Ethical objectives
 - Governance and management objectives
 - Alignment objectives
- Individual factors
 - Preferences
 - Explanatory desires
 - Capabilities
 - Background and knowledge
 - Subjectivity
 - Other relevant factors

Interaction

- AI System - Human user
 - Communication specifics
 - Standard communicational dimensions
 - Encoding/decoding information
 - Content
 - Message
 - Representation
 - Approach
 - Properties
 - Type
 - Medium
 - Noise
 - Interactivity
 - XAI specifics
 - Scope
 - Intrinsic property
 - Timeliness
- Activity
 - Action performed by a specific entity
- Actions
 - Interaction management
 - Informative actions
 - Cognitive actions
- Other interactions
 - AI System self-interaction
 - Effects of action on the system itself
 - Autonomous actions
 - Internal structure awareness
 - AI System - Context
 - Effects of actions on environment
 - Human user - Context
 - Context comprehension
 - Environment comprehension

Context

- Context dependency
- Contextual factors
 - Situational definition
 - Domain dependency
 - Problem dependency
 - Task dependency
 - AI application dependency
 - Environment
- Entity identification and specification
 - AI System
 - Type of system dependency
 - Model sensitivity
 - Human user
 - Audience groups
 - Type of users
 - Interaction (AI system - Human user)
 - Audience adaptation to explanations
 - Accessibility
 - Presence of a conversational context
 - Specific query dependency
 - Purpose of interaction
- Operational conditions
 - Time pressure
 - Stakes at hand
 - Operational limitations
 - External knowledge required
 - Presence of constraints