CSET CENTER for SECURITY and EMERGING TECHNOLOGY

Summary of *A Matrix for Selecting Responsible AI Frameworks*

CSET presents a new matrix that organizes over 40 openly available process frameworks for responsible artificial intelligence to help organizations characterize these frameworks and identify which would best serve their needs.
Organizations have a growing number of tools at their disposal to implement responsible AI systems, or systems that minimize unwanted risks and create beneficial outcomes. However, it is not always clear how to select and apply these tools. This paper provides a way for organizations to systematically characterize process frameworks that accommodate their specific needs.

Process frameworks provide a blueprint to ensure that organizations are prepared to meet the challenges and reap the benefits of AI systems, but they have limitations.

- Many process frameworks do not name a target audience. Even when an audience is mentioned, they are commonly described in general terms.
- Once an audience is identified, it may still be difficult to discern which needs are satisfied by a process framework.

The matrix alleviates these limitations by providing a structured way of thinking about who can use a process framework and the focus of the framework itself.
The matrix is focused on the user of a framework, namely people within Development and Production teams, as well as Governance teams. To help these users select frameworks that will best serve their needs, the matrix further classifies frameworks according to their respective areas of focus: an AI system's components, an AI system's lifecycle stages, or characteristics related to an AI system. Organizations can easily modify the matrix by adding more frameworks or updating its categories.

Ultimately, organizations that use this system will be able to more precisely apply frameworks and understand the utility of a framework relative to guidance that already exists.

For more information:

- Download the report: https://cset.georgetown.edu/publication/a-matrix-for-selecting-responsible-ai-frameworks
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