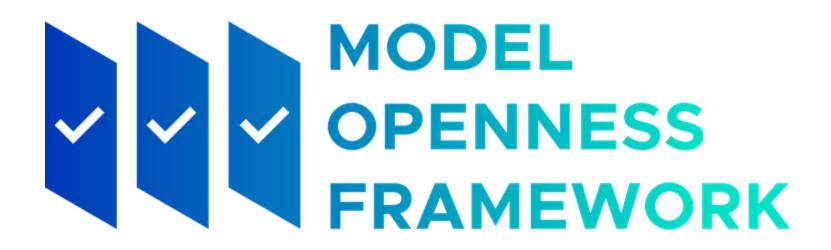
IIGENERATIVE AI COMMONS



Arnaud Le Hors – IBM FOSDEM February 2nd, 2025



Addressing the challenges in open Al

Challenges:

A lot of "open-washing", lack of transparency, illegally converted licenses, inappropriate type of license, etc.

The Model Openness Framework (MOF):

A way to evaluate models based on their completeness and openness following open science principles.

MOF Completeness: 17 Components















Model Architecture

Preprocessing Code

Training Code

Inference Code

Evaluation Code

Libraries & Tools















Model Parameters

Training Datasets

Evaluation Data

Sample Model Outputs

el Model Metadata

DOCUMENTATION











Model Card

Data Card

Technical Report

Research Paper

Evaluation Results

MOF Openness: Only Open Licenses accepted

- Every component MUST have an open license:
 a license allowing unrestricted usage, study, modification, and redistribution for any purpose.
- Every component SHOULD have a type-appropriate open license:
 an open license that is appropriate for the type of component it is covering: code, data, or documentation.
- **Examples**: Code: Apache 2.0, Data: CDLA-Permissive 2.0, Doc: CC-BY 4.0

MOF Classes

MOF Class	Components Included	<u>Usage</u>
Class III – Open Model	 Model Architecture Final Model Parameters Technical Report or Research Paper Evaluation Results Model Card Data Card Sample Model Outputs (optional) 	 Unrestricted usage (access, use, modify, redistribute) Create a product or service Fine tune and align Model optimizations
Class II - Open Tooling Model	 All Class III Components Training Code Inference Code Evaluation Code Evaluation Data Supporting Libraries & Tools (optional) 	 Understand training process Validate benchmark claims Inference optimizations
Class I – Open Science Model	 All Class II & III Components Research Paper Datasets Data Preprocessing Code Intermediate Model Parameters Model Metadata (optional) 	 End to end analysis and auditing Reproduction of a similar model Data exploration and experimentation

Get Involved

Model Openness Framework (MOF) Model Openness Tool (MOT) https://isitopen.ai Generative Al Open Strategies Survey Join the Generative Al Commons!
genaicommons.org









Thank you

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□LFAI & DATA