

A Technical And Ethical Analysis Of “insert name” In The Context Of The European AI Act

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Abstract

The AI Act (AIA) is the European Commission’s attempt at regulating AI systems. This paper analyzes “insert name”, an AI system categorized as high-risk in the act, and includes an illustrative technical documentation according to Annex 4 of the AIA. The authors conclude with a discussion on ethical issues and difficulties encountered while writing the technical documentation.

On the regulation of “insert tool”

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Technical documentation

This section presents a technical documentation according to Annex 4 of the AIA. It is created with the limited knowledge on the system available online. If not stated otherwise, the information of the documentation is contrived by state-of-the-art approaches to AI.

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Model summary	
Model Architecture	Lorem ipsum dolor sit amet, ...
Input(s)	Lorem ipsum dolor sit amet, ...
Output(s)	Lorem ipsum dolor sit amet, ...
Usage	
Application	Lorem ipsum dolor sit amet, ...
Known Caveats	Lorem ipsum dolor sit amet, ...
System Type	
System Description	Lorem ipsum dolor sit amet, ...
Upstream Dependencies	Lorem ipsum dolor sit amet, ...
Downstream Dependencies	Lorem ipsum dolor sit amet, ...
Implementation Frameworks	
Hardware & Software: Training	Lorem ipsum dolor sit amet, ...
Hardware & Software: Deployment	Lorem ipsum dolor sit amet, ...
Compute Requirements	Lorem ipsum dolor sit amet, ...
Model Characteristics	
Model Initialization	Lorem ipsum dolor sit amet, ...
Model Status	Lorem ipsum dolor sit amet, ...
Model Stats	Lorem ipsum dolor sit amet, ...
Model Characteristics	
Training Dataset	Lorem ipsum dolor sit amet, ...
Evaluation Dataset	Lorem ipsum dolor sit amet, ...
Fine-tuning Dataset	Lorem ipsum dolor sit amet, ...
Model Characteristics	
Benchmark Information	Lorem ipsum dolor sit amet, ...
Evaluation Results	Lorem ipsum dolor sit amet, ...
Model Characteristics	
Sensitive Use	Lorem ipsum dolor sit amet, ...
Known Limitations	Lorem ipsum dolor sit amet, ...
Ethical considerations & Risks	Lorem ipsum dolor sit amet, ...

Table 1: Model Card for ...

Discussion And Ethical Analysis

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References

- [1] Albert Einstein. “Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]”. In: *Annalen der Physik* 322.10 (1905), pp. 891–921. DOI: <http://dx.doi.org/10.1002/andp.19053221004>.
- [2] *Puppy*. <https://unsplash.com/photos/k4vhuUHv08o>. Accessed: 2022-11-15.