

study on the technical and legal aspects of artificial intelligence

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Abstract

Goal of this paper is to study on the technical and legal aspects of artificial intelligence. The term "Artificial Intelligence" (AI) does not refer to a specific technology. Rather, AI is a collective term for a multitude of methods which use mathematical-statistical models to simulate cognitive abilities. Regardless of the area in which and the purpose for which an AI application is being put to use, certain legal issues arise regarding the creation, parametrization and use of AI applications. AI applications can be created in-house or by using third-party providers. In either case, questions regarding the protection of the AI application and its integration into physical products have to be addressed. AI applications are extremely versatile tools and have great potential, but they also entail numerous legal risks. Since legislation does not (yet) take into account the complexity created by AI applications and the specific issues associated therewith, the legal risks should be addressed by organisational measures and contractual provisions with the parties involved.

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