

Meeting the Challenges of Regulating Artificial Intelligence

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Abstract : Globally, artificial intelligence (AI) is already performing legitimate tasks on behalf of humans. In Saudi Arabia, large-scale national projects, primarily based on AI technologies and receiving billions of dollars of funding, are projected for completion by 2030. However, the legal aspect of these projects is seriously vulnerable, given AI's unprecedented ability to self-learn and act independently. This paper, therefore, identifies the critical legal aspects of AI that authorities and policymakers should be aware of, specifically whether AI can possess identity and be liable for the risk of public harm. The article begins by identifying the problematic characteristics of AI and what should be considered by legal experts when dealing with it. Also discussed are the possible competent institutions that could regulate AI in Saudi Arabia. Finally, a procedural proposal is presented for controlling AI, focused on Saudi Arabia but potentially of interest to other jurisdictions facing similar concerns about AI safety.

Keywords : regulation, artificial intelligence, tech law, automated systems

Conference Title : ICTIL 2022 : International Conference on Technology and Internet Law

Conference Location : London, United Kingdom

Conference Dates : January 21-22, 2022