Advanced artificial intelligence (AI) systems are already being used to enhance our lives and to transform the way businesses operate. Businesses across a broad spectrum of industries are exploring the potential gains offered by AI systems. In fact, the use of AI systems is already widespread in areas such as transport, finance, defense, social security, education, policing, public safety, and healthcare. The recent explosion of machine-learning technology is arguably a product of two things: “tremendous increases in computational power and enormous volumes of accumulated data.” Unsurprisingly, legal frameworks and industry-based governance regimes have failed to keep up with the newest AI. The existing gaps have led to industry attempting to fill the void, but these attempts are in their infancy and often fail to fully consider the various stakeholders impacted by the ubiquitous gathering and corresponding use of data. This paper and corresponding discussion will briefly explore the existing landscape of regulation with the area and will (hopefully) quickly move into a discussion of the regulatory future of data management and information governance as explored through industry and policy recommendations.

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