World Academy of Science, Engineering and Technology International Journal of Computer and Information Engineering Vol:17, No:02, 2023

The Relationship Between Artificial Intelligence, Data Science, and Privacy

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Abstract : Artificial intelligence often requires large amounts of good quality data. Within important fields, such as healthcare, the training of AI systems predominately relies on health and personal data; however, the usage of this data is complicated by various layers of law and ethics that seek to protect individuals' privacy rights. This research seeks to establish the challenges AI and data sciences pose to (i) informational rights, (ii) privacy rights, and (iii) data protection. To solve some of the issues presented, various methods are suggested, such as embedding values in technological development, proper balancing of rights and interests, and others.

Keywords: artificial intelligence, data science, law, policy

Conference Title: ICDSAAI 2023: International Conference on Data Science and Artificial Intelligence

Conference Location : Buenos Aires, Argentina **Conference Dates :** February 20-21, 2023