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Regulatory Challenges of AI Governance in the Era of ChatGPT

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Regulatory Challenges of AI Governance in the Era of ChatGPT

Md. Toriqul Islam

The increasing integration of artificial intelligence (AI), and particularly of large language models (LLMs) like ChatGPT, into human interactions raises significant ethical and social concerns across a broad spectrum of human activity. Therefore, it is important to use AI responsibly and ethically and to be critical of the information it generates. This book – the first comprehensive work to provide a structured framework for AI governance – focuses specifically on the regulatory challenges of LLMs like ChatGPT. It presents an extensive framework for understanding AI regulation, addressing its societal and ethical impacts, and exploring potential policy directions.

Through 11 meticulously researched chapters, the book examines AI's historical development, industry applications, socio-ethical concerns, and legal challenges. Advocating for a human-centric, risk-based regulatory approach, emphasising transparency, public participation, and ongoing monitoring, the book covers such aspects of AI and its governance as the following:

- a comprehensive overview of the history and mechanics of AI;
- widespread public misconceptions surrounding ChatGPT;
- ethical considerations (e.g., misinformation, accountability, and transparency);
- societal implications (e.g., job displacement, critical thinking, and malicious use);
- privacy concerns;
- intellectual property challenges;
- healthcare application dilemmas;
- interplay between LLMs and finance, and
- cross-border regulatory challenges.

Throughout, the author identifies significant gaps in existing legal frameworks and explores potential policy directions to bridge these gaps.

The book offers invaluable insights and recommendations for policymakers, legal experts, academics, students, technologists, and anyone interested in AI governance. It underscores the need for a collaborative effort and meaningful dialogue among industry leaders, academia, and civil society worldwide to promote responsible and ethical development and use of AI for the benefit of humanity.

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MD. TORIQUL ISLAM

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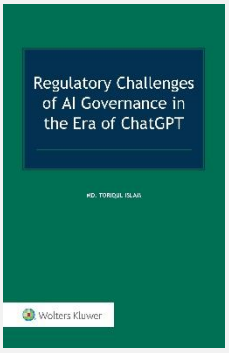
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Regulatory Challenges of AI Governance in the Era of ChatGPT



Overview

The increasing integration of artificial intelligence (AI), and particularly of large language models (LLMs) like ChatGPT, into human interactions raises significant ethical and social concerns across a broad spectrum of human activity. Therefore, it is important to use AI responsibly and ethically and to be critical of the information it generates. This book – the first comprehensive work to provide a structured framework for AI governance – focuses specifically on the regulatory challenges of LLMs like ChatGPT. It presents an extensive framework for understanding AI regulation, addressing its societal and ethical impacts, and exploring potential policy directions.

What's in this book:

Through 11 meticulously researched chapters, the book examines AI's historical development, industry applications, socio-ethical concerns, and legal challenges. Advocating for a human-centric, risk-based regulatory approach, emphasising transparency, public participation, and ongoing monitoring, the book covers the following aspects of AI and its governance:

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How this will help you:

The book offers invaluable insights and recommendations for policymakers, legal experts, academics, students, technologists, and anyone interested in AI governance. It underscores the need for a collaborative effort and meaningful dialogue among industry leaders, academia, and civil society globally to promote responsible and ethical development and use of AI for the benefit of humanity.

By: Md. Toriqul Islam

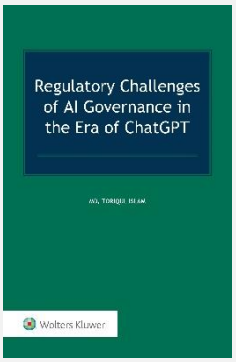
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We are thrilled to announce a groundbreaking publication that delves into the intricate landscape of artificial intelligence (AI) and its governance. Through 11 meticulously researched chapters, this new title offers an in-depth examination of AI's historical development, industry applications, socio-ethical concerns, and legal challenges.

The author Md. Toriqul Islam advocates for a human-centric, risk-based regulatory approach, emphasizing transparency, public participation, and ongoing monitoring. By identifying significant gaps in existing legal frameworks, the publication explores actionable policy directions to bridge these gaps.

You can expect to gain insights into the history and mechanics of AI, providing a solid foundation for understanding its evolution, explore widespread public misconceptions surrounding tools like ChatGPT and how they impact perceptions of AI, navigate the complexities of privacy concerns and intellectual property dilemmas in the age of AI, and much more

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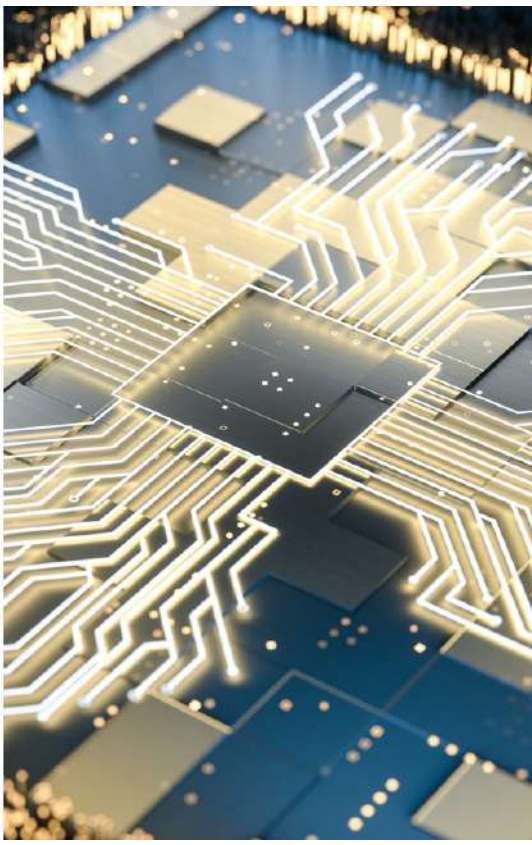
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