

2024-12-05

Regulatory Challenges of AI Governance in the Era of ChatGPT

Islam, Md. Toriqul

Wolters Kluwer International, Netherland

<http://ar.iub.edu.bd/handle/11348/969>

Downloaded from IUB Academic Repository

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/387947106>

Regulatory Challenges of AI Governance in the Era of ChatGPT Overview

Book · December 2024

CITATIONS
0

READS
2

1 author:



Md. Toriqul Islam
Independent University

35 PUBLICATIONS 147 CITATIONS

SEE PROFILE

Regulatory Challenges of AI Governance in the Era of ChatGPT

By: *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.

Regulatory Challenges of AI Governance
in the Era of ChatGPT

MD. TORIQUUL ISLAM

Regulatory Challenges of AI Governance in the Era of ChatGPT

MD. TORIQUUL ISLAM



Wolters Kluwer



Wolters Kluwer

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:

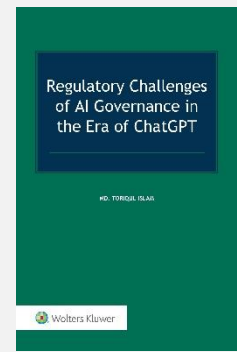
Through 11 meticulously researched chapters, the book examines AI's historical development, industry applications, socio-ethical concerns, and legal challenges. Advocating for a human-centric, risk-based regulatory approach, emphasising transparency, public participation, and ongoing monitoring, the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

- 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.

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. Toriqlul Islam

ISBN: 9789403533476

Released: December 2024

Price: € 135 - \$ 146 - £ 117

Format: Hardcover, 288pp

Table of Contents

About the Author

List of Abbreviations

List of Figures

List of Tables

Foreword

Overview

Acknowledgements

CHAPTER 1

AI Governance in the ChatGPT Era

CHAPTER 2

Misconceptions about LLMs like ChatGPT

CHAPTER 3

Transformative Impacts of LLMs like ChatGPT

CHAPTER 4

Societal and Ethical Implications of ChatGPT

CHAPTER 5

Data Privacy Challenges in LLMs like ChatGPT

CHAPTER 6

LLMs like ChatGPT and IP

CHAPTER 7

ChatGPT and Healthcare Systems

CHAPTER 8

LLMs like ChatGPT and Financial Sector

CHAPTER 9

Legal and Regulatory Challenges in AI Governance

CHAPTER 10

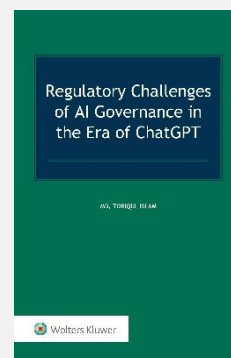
Cross-Border Regulatory Challenges in AI Governance

CHAPTER 11

Future Policy Directions for AI Governance

Table of Cases

Index



Regulatory Challenges of AI Governance in the Era of ChatGPT

By: Md. Toriqlul Islam

ISBN: 9789403533476

Released: December 2024

Price: € 135 - \$ 146 - £ 117

Format: Hardcover, 288pp



Wolters Kluwer: IP Law

2.364 followers

1 u •

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

Get access to the online publication: link

For more information on the new title: <https://law-store.wolterskluwer.com/s/product/regulatory-challenges-of-ai-governance-in-the-era-of-chatgpt/01tPg000005sZSIAM>

#AIGovernance #NewRelease #EthicalAI #PolicyInsights #Innovation

New publication online

Regulatory Challenges of AI Governance in the Era of ChatGPT

By Md. Toriqul Islam



Wolters Kluwer



New content available

Regulatory Challenges of AI Governance in the Era of ChatGPT

Md. Toriqul Islam

[Learn More →](#)

