Understanding the Role of Artificial Intelligence and Its Future Social Impact
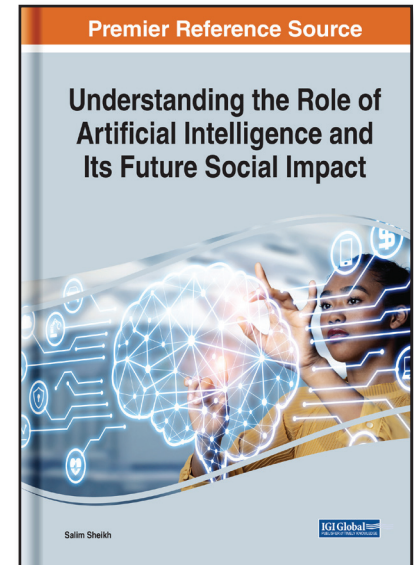
Part of the Advances in Human and Social Aspects of Technology Book Series

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Premier Reference Source

Understanding the Role of Artificial Intelligence and Its Future Social Impact

Salim Sheikh

Description:

The influence of AI is beginning to filter into every aspect of life, spanning across education, healthcare, business, and more. However, as its prevalence grows, challenges must be addressed including AI replication and even exacerbation of human bias and discrimination and the development of policies and laws that appropriately regulate AI. Stakeholders from all sectors of society need to collaborate on co-designing innovative, agile frameworks for governing AI that allow for its continued adoption while minimizing risk and reducing disruption.

Understanding the Role of Artificial Intelligence and Its Future Social Impact is a pivotal reference source that provides vital research on the application of AI within contemporary society and comprehends the future effects of this technology within modern civilization. While highlighting topics such as cognitive computing, ethical issues, and robotics, this publication explores the possible consequences of AI adoption as well as its disruption within industries and emerging markets. This book is ideally designed for researchers, developers, strategists, managers, practitioners, executives, analysts, scientists, policymakers, academicians, and students seeking current research on the future of AI and its influence on the global culture and society.

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Topics Covered:

- AI Assistants
- AI Disruption
- Androids
- Augmented and Virtual Reality
- Cognitive Computing
- Emerging Markets
- Ethics
- Human-Machine Interaction
- Industrial Applications
- Intelligent Systems
- Machine Learning
- Natural Language Processing
- Robotics
- Social Good
- Social Implications

Subject: Computer Science and Information Technology

Classification: Authored Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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