

Chapter 3

AI (Artificial Intelligence) Integration for Integrity Ethics and Privacy in AI- Driven Organizations: Ethics and Privacy Concerns in AI-Driven Organizations

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ABSTRACT

As India rapidly advances in artificial intelligence (AI), the need for robust ethical frameworks and comprehensive data privacy measures has become increasingly critical. This paper explores the current landscape of AI ethics and privacy concerns within India, highlighting key developments such as the implementation of the Personal Data Protection Bill (PDPB) and various state-level initiatives like the Karnataka AI Policy 2023. It examines how these efforts align with global standards and address emerging challenges in the digital age. The chapter also contrasts India's approach with those of other developing nations, showcasing the unique hurdles and strategies employed. The disparateness and the importance of strengthening regulatory frameworks, promoting ethical AI practices, enhancing public awareness, and fostering international collaboration.

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INTRODUCTION

Artificial Intelligence (AI) has transformed various sectors in India, from healthcare to finance, bringing immense opportunities and efficiency. However, with these advancements come significant ethical and privacy concerns. As AI technologies become more pervasive, ensuring that they are developed and deployed responsibly is crucial. This essay explores the developments in India regarding ethics and privacy concerns in AI-driven organizations, supported by statistical evidence and relevant citations.

ETHICS AND PRIVACY CONCERNS IN AI-DRIVEN ORGANIZATIONS: DEVELOPMENTS IN INDIA

Artificial Intelligence (AI) has revolutionized sectors in India, such as healthcare, finance, and agriculture, promising enhanced efficiency and innovation. However, this rapid expansion has also introduced significant ethical and privacy concerns. As AI technologies proliferate, it is imperative to address these issues to ensure responsible development and deployment. This essay examines recent developments and the current state of AI ethics and privacy in India, supported by statistical evidence and relevant citations. India has witnessed a surge in AI adoption across various industries. According to a report by NASSCOM, the Indian AI market was valued at USD 2.5 billion in 2020 and is projected to grow to USD 7.8 billion by 2025 (NASSCOM, 2021). This rapid growth underscores the increasing reliance on AI technologies but also highlights the pressing need to address associated ethical and privacy concerns.

ETHICS AND PRIVACY CONCERNS IN AI-DRIVEN ORGANIZATIONS AND RECENT DEVELOPMENTS IN INDIA

India has seen a rapid growth in AI adoption across industries. According to a report by NASSCOM, the Indian AI market was valued at USD 2.5 billion in 2020 and is expected to reach USD 7.8 billion by 2025 (NASSCOM, 2021). This growth highlights the increasing reliance on AI technologies but also underscores the pressing need to address the ethical and privacy implications of such technologies.

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