Ethics in AI Decision Making: Mechanisms And Variables

Patil Rohini Ashok[1] and Dr. Suraj Vishwanath Pote[2]

Research Scholar, Department of Department of Computer Science[1]

Associate Professor, Department of Department of Computer Science[2]

Sunrise University, Alwar, Rajasthan, India

Abstract*: While artificial intelligence (AI) technology has the potential to benefit society and well-being, it also poses ethical dilemmas for decision-makers in areas such as skewed data, algorithmic discrimination, and unclear accountability. In this work, we use a qualitative research approach to identify ethical risk factors of AI decision making, apply rooting theory to construct a risk-factor model of ethical risks associated with AI decision making, and explore the ways in which risks interact through system dynamics, from which risk management strategies are proposed. Our study indicates that technological ambiguity, insufficient data, and administrative errors are the main sources of ethical hazards in AI decision making. Components of risk governance may be able to successfully restrict the social risks brought on by data, algorithm, and technical hazards. We provide strategies for handling ethical risks in AI decision-making from the perspectives of development, research, and management in light of this.*

Keywords: Bias and Discrimination, Lack of Transparency, Privacy Concerns, Issues, Job Displacement, Misuse.

Copyright to IJARSCT
www.ijarsct.co.in

DOI: 10.48175/568

672

ISSN
2581-9429
IJARSCT