Creating Sustainable Value through Consciousness-based Decision-Making in the Era of Artificial Intelligence

Pieris I.K.¹, Joshi R.², Koh J³, Ulluwishewa R⁴

New Zealand Institute of Skills and Technology, New Zealand ^{1,2,3} University of Sri Jayewardenepura, Sri Lanka, ⁴

indu.peiris@openpolytechnic.ac.nz, renu.joshi@openpolytechnic.ac.nz, josiah.koh@openpolytechnic.ac.nz, ulluwishewa@sjp.ac.lk

ABSTRACT

In light of the continuous transformations in our environment and the unprecedented era humanity currently faces, the future landscape of work and decision-making is poised for a significant departure from our conventional norms. AI (Artificial Intelligence) experts widely acknowledge the relentless progress of AI and its pervasive influence on our lives. Within this context, the authors of this paper argue that forthcoming leaders must embrace more sophisticated and comprehensive approaches to decision-making, cultivating a mutually beneficial relationship with AI to ensure the survival of organizations. We present a rationale for an approach that comprehensively addresses all phases of problem-solving and decisionmaking. Our foundation rests on the belief that there is no singular correct method for approaching most real problems. Moreover, we acknowledge that single-frame approaches can lead to frame blindness. By examining decision-making through historical perspectives and considering practical wisdom, ethical concerns, environmental dynamics, and both individual and collective consciousness, this paper presents an integrated framework rooted in consciousness for decision-making. The intersection of ethics, moral consciousness, and artificial intelligence (AI) in decision-making is a critical and evolving landscape. Our proposed framework holds the potential for facilitating holistic decision-making in a rapidly evolving and increasingly complex world. We showcase the advantages of multi-framing by incorporating diverse perspectives from management, applied psychology literature, and the ethical domain. The authors posit that the benefits encompass the development of frame awareness, overcoming frame blindness, and gaining insights into multiple perspectives, including those of various constituents and stakeholders. These elements contribute to making choices that are more robust and sustainable, benefiting people and the planet.

Keywords: Consciousness, Decision-making, AI, Ethics, Practical Wisdom