

ABSTRACT

Artificial Intelligence (AI) is a transformative technology driving innovation across sectors; however, many organizations face challenges in assessing their readiness for AI adoption in the pre-adoption stage. This study aims to develop an AI Readiness Framework focusing on six key aspects: Data Readiness, Infrastructure and Technology, Workforce and Skills, Governance and Organizational Strategy, Ethics, Trust, and Risk Management, and Business Use Cases and Value Alignment. The framework integrates elements from existing frameworks, such as those by Deloitte, Gartner, and IBM, and employs the Best-Worst Method (BWM) to determine the relevance and weight of parameters. Data is collected through expert interviews, questionnaires, and literature review. The study delivers a flexible and relevant framework for various sectors, providing a strategic tool for organizations to assess readiness, identify gaps, and prioritize improvements. It emphasizes ethical, responsible, and sustainable AI adoption, ensuring organizations can fully leverage AI's potential.

Keywords— Artificial Intelligence, AI Readiness Framework, Pre-Adoption, Best-Worst Method.