


Chapter 9

Equity by Design: Embedding DEI Into AI- Enhanced Marketing Tools

Mohammad Irfan

 <https://orcid.org/0000-0002-4956-1170>

Chandigarh University Uttar Pradesh, Unnao, India

Sanskriti Sanskriti

 <https://orcid.org/0009-0000-3914-4544>

Christ University, Bangalore, India

Amit Kishore Sinha

Chandigarh University Uttar Pradesh, Unnao, India

ABSTRACT

In a time when artificial intelligence redefines marketing practice pillars, the concern is not innovation but conscience-driven innovation. While AI tools promise unmatched precision in reaching customers, segmenting, and budgeting, they carry a silent danger of deepening existing disparities, if they were to be unleashed without caution. This article advocates for the practice of Equity by Design, and it insists that Diversity, Equity, and Inclusion (DEI) must be made a part of the actual design of AI-driven marketing systems. By borrowing cross-disciplinary insights from finance, organizational ethics, and digital strategy, the case is argued through illustrations of how equitable design cuts down on algorithmic bias, expands financial service access to marginalized communities, and enhances consumer trust in a more data-driven market. Beyond compliance or corporate social responsibility, embedding DEI in AI is a competitive strategy, attaching ethical obligation to long-term brand worth, sustainable growth, and global competitiveness in the digital economy.

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INTRODUCTION

AI is no longer the distant promise it once was; it is now the architect of a new chapter in marketing. Whereas campaigns have previously been driven by intuition and a cleaner target demographic, today, they are now driven by algorithms that predict and explain consumer behavior with diminishing accuracy, microscopically segment audiences and optimize strategy in real time. For companies, this revolution provides efficiency and profit potential that were unimaginable before. But lurking beneath the surface of this innovation is a sobering reality: if left unchecked, the same tools also entrench social divides, exclude at risk populations and quietly recreate the same inequities that firms “now pledge to remedy.” Enter Equity by Design: not a moral afterthought, but as a guide to what the future of marketing looks like in a digital economy, Raj, A. (2024).

The advent of fairness-driven design in AI-powered marketing is a heightened expectation from humans that technology must benefit everybody, not just the privileged few. In observing the digital economy, a company's worth has become more tied to how equitable and empathetic values inform its systems and products. Consumers anticipate the promotion of a product, or financial product, through an algorithm to recognize the social context. The firms are not only measured by innovating or disrupting but also based on intentions. Marketing experts are increasingly more aware that fairness isn't an outside element but is a business strength towards securing a long-term structure founded on trust and loyalty. The conversation changed from the rapidity of AI to achieve outcome, to how considerate of the outcome to be for society's well-being and shared goals.

The worry is not AI or its rate of adoption. It is instead the risk of unconscientious adopting of AI. Years of evidence show that algorithms are not neutral and tend to reflect biases in the data on which they operate (Noble, 2018; O'Neil, 2016). A credit scoring algorithm will punish groups previously excluded from access to financial services. A marketing algorithm might disproportionately feature work or housing opportunities to one group at the expense of another (Barocas, Hardt, & Narayanan, 2019). There, technology does not disrupt inequality; it scales it up. To marketing practitioners, this is not just a technical bug but a reputational hazard, a strategic blind spot, and an ethical failure.

This is where the Diversity, Equity, and Inclusion framework comes into the picture. DEI is often boiled down to representation on organograms or symbolic gestures of desire. But in the case of our AI marketing, DEI goes deeper than representation alone. They are equity of outcomes, diversity of design practices, and making markets work for all communities equally. To incorporate DEI into AI-like systems will fundamentally re-conceptualize how algorithms are trained, which data is prioritized, and on what presumptions the decision-making model is based

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