

Ethical AI: Frameworks for Responsible Decision-Making

Noor ul Ain

The Perfect Automotive & Retailers Software, Pakistan

Correspondence:

Noor ul Ain: noor7765@gmail.com

Article Link: <https://journals.brainetwork.org/index.php/jcai/article/view/39>

DOI: <https://doi.org/10.69591/jcai.2.1.2>



Citation: Ain, N. (2024). Ethical AI: Frameworks for Responsible Decision-Making. *Journal of Computing and Artificial Intelligence*, 2(1).

Conflict of Interest: Authors declared no Conflict of Interest

Acknowledgment: No administrative and technical support was taken for this research

Article History

Submitted: Mar 21, 2024

Last Revised: Apr 10, 2024

Accepted: May 16, 2024

Volume 2, Issue 1, 2024

Funding
No

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An official Publication of
Beyond Research Advancement & Innovation Network, Islamabad, Pakistan

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Abstract

As artificial intelligence systems become increasingly integrated into society, establishing ethical frameworks for their decision-making processes is crucial. This paper proposes a multi-layered ethical framework designed to guide AI development and deployment. The framework aims to ensure transparency, fairness, and accountability in AI-driven decisions by incorporating principles from utilitarianism, deontology, and virtue ethics. Case studies illustrate the application of this framework in various industries, highlighting its potential to mitigate bias and enhance public trust in AI technologies.

Keywords: Ethical AI, decision-making frameworks, transparency, fairness, accountability.