The Role of Artificial Intelligence in Revolutionizing Healthcare

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Abstract*: This research paper provides a comprehensive overview of the transformative role of Artificial Intelligence (AI) in revolutionizing the healthcare sector. As AI technologies continue to advance, their integration into various facets of healthcare promises groundbreaking improvements in diagnostics, personalized medicine, predictive analytics, and Electronic Health Records (EHR) management. This paper explores the applications of AI in these critical areas, highlighting its potential to enhance patient care, optimize treatment strategies, and streamline healthcare operations. Additionally, the paper addresses the challenges and ethical considerations associated with AI adoption in healthcare. By offering insights into the current state of AI in healthcare and its future implications, this research aims to contribute to a deeper understanding of the profound impact AI is making on the healthcare landscape.*

Keywords: healthcare landscape.

REFERENCES

[1]. Topol, E. (2019). Deep Medicine: How Artificial Intelligence Can Make Healthcare Human Again