

Integration of AI Medical Systems in Healthcare Analytics

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Abstract: *This paper will discuss the relationship between healthcare stakeholders and intelligent medical systems. It examines how intelligent systems might affect healthcare. The study was prompted by the interest and investment shown in intelligent agents like Siemens since their initial trial deployments in healthcare organizations, before physician feedback. Here we discuss the pros and cons of using intelligent medical systems, as well as some ethical issues. The socio technical implications of intelligent systems in healthcare are explored. The article also compares Convolutional Neural Networks to state-of-the-art approaches and discusses potential decision-maker roles in assessing medical personnel's attitudes toward intelligent systems before final deployment.*

Keywords: Health Care, Intelligent Systems, Socio-Technic, Agents, Decision Making.

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