

Health Cure All in One Medical Solution

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Abstract: *In today's fast-paced world, healthcare systems struggle to manage multiple diseases efficiently and provide timely diagnoses, as most existing medical applications are limited to detecting only one disease at a time. To overcome this challenge, Healthcure – All-in-One Medical Solution has been developed as a unified platform capable of predicting and detecting several major diseases, including diabetes, heart disease, chronic kidney disease, cancer, pneumonia, and liver disease. Using advanced machine learning techniques, Healthcure analyses patient data and employs a hybrid model approach by integrating and comparing algorithms such as Random Forest, XGBoost, and AdaBoost to ensure accurate and reliable predictions for each disease. Its web-based interface enhances accessibility, allowing patients to input their medical data and receive real-time results without visiting a hospital, which is especially beneficial in remote or underserved areas and reduces the workload on healthcare professionals. By enabling early detection and supporting faster clinical decisions, Healthcure aims to create a smarter, more proactive, and efficient healthcare system that benefits both patients and doctors.*

Keywords: Machine learning, Deep learning, Neural Network, Convolutional Neural Network.

