

# AI-Powered Medical Diagnosis using CNN for Precision Healthcare

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**Abstract:** *AI-Powered Medical Diagnosis Using CNN for Precision Healthcare is an advanced diagnostic tool designed to analyze medical images such as X-rays, MRIs, and CT scans using Convolutional Neural Networks (CNNs). The project involves developing a web-based platform with multi-language support, allowing users to upload their medical scans and receive instant AI-generated diagnoses. The system enhances diagnostic accuracy, minimizes human errors, and accelerates the detection of diseases. Additionally, it provides specialized hospital recommendations based on the diagnosis, assisting users in seeking further medical consultation. By integrating AI-driven analysis, this project aims to improve accessibility to healthcare, especially in remote areas, making medical diagnosis faster, cost-effective, and more efficient.*

**Keywords:** AI-Powered Diagnosis, X-rays, MRIs, CT, AI-driven analysis, Convolutional Neural Networks (CNNs)

