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(57) Abstract :

CLOUD-BASED PLATFORM FOR REAL-TIME MEDICAL IMAGE ANALYSIS AND DIAGNOSIS USING ARTIFICIAL INTELLIGENCE The method for the development of a distributed files system, cloud computing, and cache technologies were used to create a medical imaging platform. Second, an ultrasound image that is more accurate in determining the placenta's structure, size, position, and developmental problems can be obtained by using contrast-enhanced ultrasound technology. Lastly, trials confirm the usefulness of the obstetric imaging diagnostic platform described in this study. The outcomes demonstrate the platform's quick data processing speed and ease of use, which significantly lowers the price of medical equipment and boosts productivity. A cloud-based approach to diagnosing glaucoma with medical imaging and machine learning (ML). The objective of machine learning and optical coherence tomography is to streamline the early identification of glaucoma by utilizing a classifier integrated into cloud architecture. Patients with this illness around the world would benefit greatly from this early detection since it accurately and intentionally triggers certain events. FIG.1

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