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(57) Abstract :
This innovation proposal includes a detailed examination of the literature on deep learning applications for the diagnosis of mammography and ultrasound. It also highlights contemporary advances to the computer-aided diagnosis/detection (CAD) systems that apply novel ways for deep learning to recognize breast photos automatically and boost diagnostic accuracy by radiologists. The primary outcomes of the classification process demonstrated that innovative CAD techniques are important and effective breast cancer screening tools that lessen the demand for manual functional extraction.

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