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A Review on a Machine Learning Approach to Skin Cancer Detection

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Abstract: *Skin cancer, one of the most common cancers worldwide, accounts for around one- third of all diagnosis. The main cause of skin cancer is unrepaired DNA breaks in skin cells, which result in genetic mistakes or skin mutations. The importance of early detection of skin cancer symptoms cannot be overstated given the rising incidence, high mortality rate, and expensive medical treatments. Researchers have created several early skin cancer screening methods due to how hazardous these problems are. Skin cancer is identified and benign skin cancer and melanoma are distinguished using the lesion's features, such as its symmetry, colour, size, and form. Dermatologists make a diagnosis based on the layer-by-layer arrangement of skin lesions. CNN was superior to even board-certified dermatologists. Additionally, methods that enlist mechanical aid to detect cancer are more successful. Artificial intelligence that organises information and generates decision-making processes in a manner like that of the human brain.*

Keywords: DNA, mutation, mortality, benign, melanoma.

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