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Machine Learning Algorithm for Detection of Deadliest Forms of Skin Cancer

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Abstract: *Skin cancer is one of the most growing types and dangerous cancer in the world. The early diagnosis of melanoma and other ski cancer is a critical issue for dermatologists. In this paper, we using Machine Learning Algorithm for Detection of Deadliest Forms of Skin Cancer. This project aims to develop a skin cancer detection ML Model which can classify the skin cancer types and help in early detection. The ML Model is developed in Dot Net (. Net). The model is developed and tested with different network architectures by varying the type of layers used to train the machine. Basically our model use DNN (Deep Neural Network) and ResNet50 for detection of skin cancer. The model will be tested and trained on the dataset collected from the International Skin Imaging Collaboration (ISIC).*

Keywords: Skin cancer, Melanoma, Machine learning, DNN (Deep Neural Network), ResNet50

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