MIT-World Peace University (MIT-WPU)

Faculty of Engineering

School of Computer Science Engineering & Technology

SYNOPSIS

- Date: 27th April,2021
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- Title of Topic: Skin Lesion Classification using Deep Learning.

ABSTRACT

Skin Cancer is the most well-known (representing 40% of malignancy cases all around the world) and conceivably hazardous kind of diseases. It was analysed in about 5.6 million people a year ago. Mechanized order of skin injuries through pictures has been a test over time in light of fine fluctuation in their appearance. Deep Learning methods display potential in handling fine-margined picture-based investigation and figure out how to give exact outcomes. There are 7 different types of skin cancer namely actinic keratoses, basal cell carcinoma, benign keratosis-like lesions, dermatofibroma, melanoma, melanocytic nevi and vascular lesions. With this we can easily detect and classify it

KEYWORDS

Deep Learning, Convolutional Neural Network, Lesion, PyTorch, Transfer Learning.

Dr. Pradnya Siddhivinayak Kulkarni

(Name & Sign)