

IDENTIFYING EPIDERMAL DISEASE USING CNN AND TENSORFLOW

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This study has introduced a new method for identifying skin disease using state-of-the-art technology, in response to the growing concern over skin health. The study focuses on accurately identifying a range of skin disorders, including as acne, rosacea, eczema, lame, poison ivy, and exanthem, by combining the powerful EfficientNet and CNN algorithms. A thorough investigation of several dermatological disorders is highlighted in the paper. Our model has been evaluated on many deep learning architectures, such as VGG16, Resnet101 etc. From those architectures we have identified that the EfficientNet B7 has given the high efficiency than the other models. The significance of a precise diagnosis in enabling efficacious therapy. This study advances the methods for detecting skin diseases, opening the door to quicker and more accurate treatments in the field of dermatology. by utilizing highly developed neural networks and deep learning.