Studies on Different CNN Algorithms for Skin Disease Classification Based On Clinical Images : A Review

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Abstract: *Skin disease is a major problem nowadays all over the world and due to the technology era, it is important to solve the problem through machines instead of human. Deep learning is one of the best ways to solve the skin disease problems. Deep learning is a new research area within the modern technology using micro services with big data, virtual reality and also augmented reality. Due to the development of huge computing capacity, technologies such as deep learning application using MobileNet(CNN) has revolutionized image classification. Deep learning can be used to classify the different types of skin disease types. This learning technique uses different algorithms such as MobileNet CNN algorithms. MobileNet algorithms are the suitable ways to recognize the images from the input and gives accurate results. In this current work Mobilenet CNN is used to our data set to classify skin diseases types according to our input. The study showed that the implementation of Deep learning within the field of disease diseases can be the most suitable way to classify and recognized skin disease images, which can be very beneficial in the field of medicine for early diagnosis and improve the accurate diagnosis result. This current work showed and output result of 90 % accuracy.*

Keywords: Actinic kerotosis , Basel cell carcinoma, Haemangioma, Melonocytics_nevous etc.

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