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| Sno | Name | Technique Used | Dataset | Important Points |
| 1 | Skin Disease Recognition using Texture Analysis | ANN (Artificial neural network ) | database of Dermnet Skin disease atlas |  |
| 2 | Classification of skin disease using datamining Techniques | a) CART(classification and regression Tree)  b) SVM(support vector machine)  c) Decision Tree  d) Random Forest  e) Gradient Boosting | Skin Disease Dataset From UCI machine repository Guvenir et al.? |  |
| 3 | Studies on different CNN algorithms for Face Skin disease classification based on clinical image | Five mainstream CNN algos  a) ResNet-50  b) Inception-v3  c) DenceNet121  d) Xecption  e) Inception-ResNer-v2(better perf) | Face Image Dataset from Xiangya Derm | -Lack of Dataset  -Learned from lesions or parts of abnormalities but not from normal skin |
| 4 | Detection of skin disease using metaheuristic supported artificial neural networks | meta-heuristic supported artificial neural network | International Skin Imaging Collaboration (ISIC) dataset | - A popular multi objective optimization method called Non-dominated Sorting Genetic Algorithm - II is employed to train the ANN (NNNSGA-II) |
| 5 | Implementation of Nearest Neighbor using HSV to Identify Skin Disease | Euclidean Distance Hue Saturation Value (HSV) |  | number of data training, distance of image shooting, quality of camera on android device influences the result |
| 6 | Discriminative Feature Learning for Skin Disease Classification Using Deep Convolutional Neural Network | CNN with triplet loss function  a) ResNet152  b) InceptionResNet-V2  L-2 distance | AI-skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework | The dataset used in the experiment consists of four types of skin diseases, i.e., acne, blackheads, dark circles, and spots. |
| 7 | Diagnosis of skin diseases using Convolutional Neural Networks | CNN and softmax classifier | dermnet.com | Large dataset can increase the accuracy |
| 8 | Deep Learning in Skin Disease Image Recognition | Deep learning models:  AlexNet, VGG, GoogleNet, and ResNet | DermNZ-ImageLibrary | applys the model of deep learning in the field of computer vision involving medicine |
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