Online Classification of Skin Disease using Transfer-learning of Deep Neural Nets

Abstract:

This project presents an online classification system for skin diseases using transfer learning of deep neural networks. The system allows dermatologists to upload images of skin lesions, which are then classified by a deep neural network trained on a large dataset. The proposed approach achieves high accuracy in skin disease classification tasks by leveraging learned features from general images. The system provides valuable insights to assist dermatologists in diagnosis and decision-making. With continuous learning and improvement, the online platform has the potential to enhance skin disease diagnosis, improve patient outcomes, and optimize healthcare resources.