In a rapidly evolving digital landscape, harnessing the potential of Advanced AI Techniques in Image Processing using Deep Learning is paramount. This immersive Two-Day Online Workshop is designed to empower participants with a comprehensive understanding of artificial neural networks, convolution neural networks, and recurrent neural networks. Through hands-on sessions, attendees will explore the practical applications of deep convolutional neural networks, including image classification, object detection, and the groundbreaking field of medical image classification for disease diagnosis. With real-life case studies such as diabetic retinopathy detection, pneumonia identification, and early cancer detection, participants will embark on a transformative journey, emerging with the skills to revolutionize image processing using cutting-edge AI technology. Join us and unlock the limitless possibilities of AI in the visual realm!

DAY-1: 1st November 2023


DAY-2: 2nd November 2023

Deep convolutional neural network based medical image classification for disease diagnosis (some suggested case-studies as follows):

1. Diabetic retinopathy (from retina images);
2. Pneumonia from chest x-ray images;
3. Early cancer identification and detection.

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