

## **Deep Learning Training and Certification Course**

**Curriculum 2 Days** 

Day - 2
ensfer Learning: Introduction to transfer learning and its applications in the learning, including fine-tuning pre-trained models for new tasks. Inds-on Exercise: Fine-tuning a pre-trained CNN for image classification ing TensorFlow or Keras. Interactive Adversarial Networks (GANs): Introduction to GANs and their collications in generating realistic images and videos. Inds-on Exercise: Building a GAN for image generation using TensorFlow Keras. Iject Detection and Segmentation: Introduction to object detection and generation using deep learning, including popular architectures such as later R-CNN and Mask R-CNN. Inds-on Exercise: Building an object detection and segmentation modeling TensorFlow or Keras. Ivanced Topics: Discussion of advanced deep learning topics such as inforcement learning, attention mechanisms, and deep reinforcement rining. It is used to be a secure of the current state and future directions of the plearning research and applications.