D&LL Technologies

Scene Description Generation using CNNs and RNNs

Duration
8 hours

Modality
- Instructor-led
- Online ILT

Prerequisites
- Fundamentals of Deep Learning for Computer Vision or similar deep learning experience

Course Number
- MR-1CN-SDGCR
- MR-1LN-SDGCR

OVERVIEW

This workshop explores how convolutional and recurrent neural networks can be combined to generate effective descriptions of content within images and video clips.

COURSE OUTLINE

Learn how to train a network using TensorFlow and the MSCOCO dataset to generate captions from images and video by:

- Implementing powerful deep learning workflows such as image segmentation and text generation
- Comparing and contrasting data types, workflows, and frameworks
- Combining computer vision and natural language processing

Successful completion of this course will enable participants to solve deep learning problems that require multiple types of inputs.

MODALITIES

This course is currently available in the following formats:

Classroom
Traditional classroom training, with hands-on labs or case-studies, delivered at one of our many training centers worldwide, by a highly qualified Dell Technologies instructor.

Virtual Class
A real-time interactive training experience where students participate online. Lecture, discussion, questions and answers, and lab exercises make this a rich and flexible training experience.

CONTACT US

Engage your local Education Services Account Manager for local pricing information and scheduling classes. Visit us online at education.dellemc.com or call +1 888 362 8764 (US).