

Scene Description Generation using CNNs and RNNs

Course Description

Course Duration
8 Hours

Overview

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

Course Outline

You will 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 like image segmentation and text generation
- Comparing and contrasting data types, workflows, and frameworks
- Combining computer vision and natural language processing

On completion, you will be able to solve deep learning problems that require multiple types of inputs.

Course Delivery Options

This course is currently available in the following formats:



MR-1CN-SDGCR: Instructor led - includes hands-on lab exercises that reinforce the concepts covered in lectures.



MR-1LN-SDGCR: Online ILT - Live course delivered via the internet where participants attend virtual classroom interacting with instructors and other participants. A headset with microphone is REQUIRED to speak with the instructor and the rest of the class. Text communication is also available through the virtual classroom.

Copyright © 2017 Dell Inc. or its subsidiaries. All Rights Reserved. Dell, EMC, and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be the property of their respective owners. Published in the USA.

Support Contact [Education Services](#)

DELL EMC Corporation
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381



Scene Description Generation using CNNs and RNNs

Course Description