DELLTechnologies

Perception for Autonomous Vehicles

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-PAV
- MR-1LN-PAV

OVERVIEW

Learn how to design, train, and deploy deep neural networks for autonomous vehicles using the NVIDIA DRIVE™ PX2 development platform.

Successful completion of this course will enable participants to create and optimize perception components for autonomous vehicles using DRIVE PX2.

COURSE OUTLINE

- Integrate sensor input using the DriveWorks software stack
- Train a semantic segmentation neural network
- Optimize, validate, and deploy a trained neural network using
- TensorRT

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 to access the Classroom virtual classroom. 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).