Deep Learning for Software Developers (of Machine Learning)

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MLDPSD - Version: 2

🕐 2 days Course

Description:

Deep learning is a subset of machine learning that relies on deep neural networks, and it is the root of modern AI. It is how computers identify objects in images, translate speech in real-time, generate artwork and music, and perform other tasks that would have been impossible just a few short years ago.

In this hands-on workshop, learn what neural networks are, how they work, and how to build them using popular deep-learning libraries such as Keras and TensorFlow. More importantly, learn how to bring the magic of neural networks to the next software project that you work on, and come away with numerous code samples to get those projects started.

Intended audience:

Software Developers

Prerequisites:

Objectives:

Learning what neural networks are, how they work, and how to build them using popular deep-learning libraries.

Topics:

º Introduction to Deep Learning

º Neural Networks

º Convolutional Neural Networks

º Natural Language Processing

º Azure Cognitive Services