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Image Classification with NVIDIA DIGITS

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This lab shows you how to leverage deep neural networks (DNN) - specifically convolutional neural networks (CNN) - within the deep learning workflow to solve a real-world image classification problem using NVIDIA DIGITS on top of the Caffe framework and the MNIST hand-written digits dataset.
In this lab, you will learn how to:

- Architect a Deep Neural Network to run on a GPU
- Manage the process of data preparation, model definition, model training and troubleshooting
- Use validation data to test and try different strategies for improving model performance

On completion of this lab, you will be able to use NVIDIA DIGITS to architect, train, evaluate and enhance the accuracy of CNNs on your own image classification application.

Summary