

## BEGINNER TUTORIALS

## ▣ Deep Learning with PyTorch: A 60 Minute Blitz

- ▣ What is PyTorch?
- ▣ Autograd: automatic differentiation
- ▣ Neural Networks
- ▣ Training a classifier
- ▣ Optional: Data Parallelism

- ▣ PyTorch for former Torch users
- ▣ Learning PyTorch with Examples
- ▣ Transfer Learning tutorial
- ▣ Data Loading and Processing Tutorial
- ▣ Deep Learning for NLP with Pytorch

## INTERMEDIATE TUTORIALS

- ▣ Classifying Names with a Character-Level RNN
- ▣ Generating Names with a Character-Level RNN
- ▣ Translation with a Sequence to Sequence Network and Attention
- ▣ Reinforcement Learning (DQN) tutorial
- ▣ Writing Distributed Applications with PyTorch
- ▣ Spatial Transformer Networks Tutorial

## ADVANCED TUTORIALS

- ▣ Neural Transfer with PyTorch
- ▣ Creating extensions using numpy and

# Deep Learning with PyTorch: A 60 Minute Blitz

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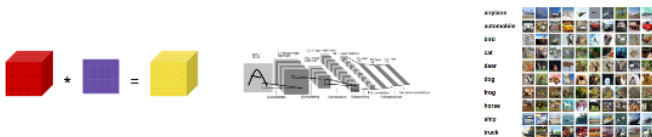
Goal of this tutorial:

- Understand PyTorch's Tensor library and neural networks at a high level.
- Train a small neural network to classify images

*This tutorial assumes that you have a basic familiarity of numpy*

**Note**

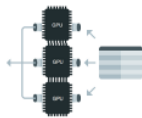
Make sure you have the `torch` and `torchvision` packages installed.



*What is PyTorch?*

*Neural Networks*

*Training a classifier*



*Optional: Data  
Parallelism*

[Previous](#)

[Next](#)