

Introduction to Tensors



Overview

Hands On with PyTorch Tensors

PyTorch & NumPy

PyTorch support for GPU enabled devices
via CUDA

Tensors on GPU enabled devices



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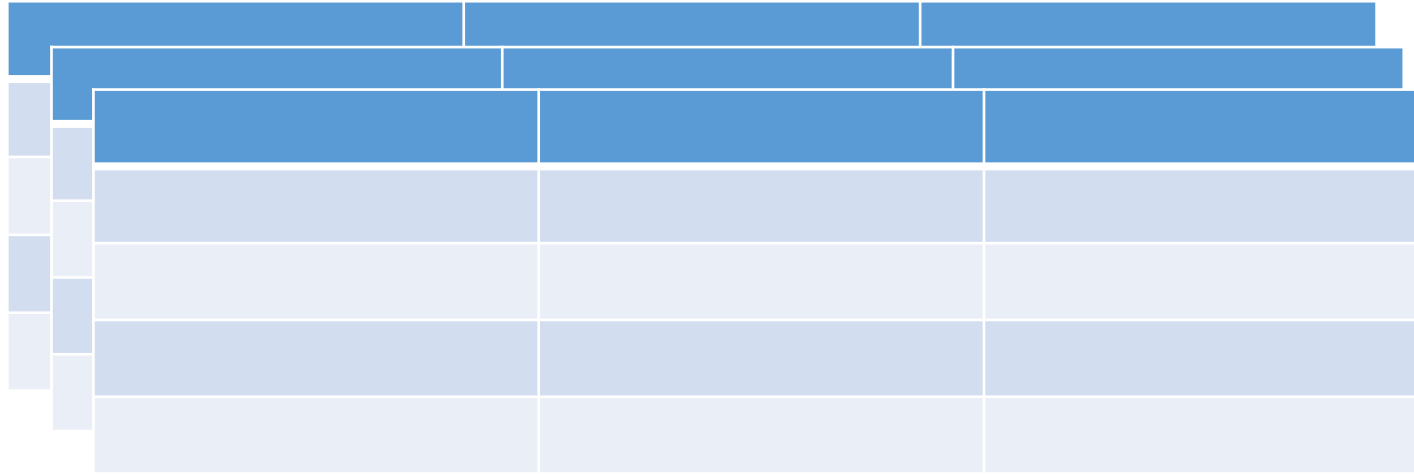
Tensors on GPU enabled devices



Tensor

The fundamental data structure in PyTorch. A tensor contains a set of values shaped into a multi dimensional array.





```
[[ [1, 2], [2, 3], [4, 4] ], [ [2, 2], [3, 3], [5, 5] ] ]
```

N-Dimensional Arrays in PyTorch are N-D Tensors



PyTorch tensors have been designed in a way to make optimal use of the available GPU for computations

