

Scope

- Understand what an operator is in PyTorch
- Understand what a Tensor is (including stride, dtype, and layout)
- Understand what views are
- Understand how to author an operator in PyTorch
- Understand how to test operators in PyTorch
- Understand what TensorIterator is

What is a Tensor?

A Tensor consists of:

- `data_ptr`, a pointer to a chunk of memory
- some *sizes* metadata
- some *strides* metadata
- a storage offset

How to author an operator

Comprehensive guide

TensorIterator

- Read through the colab notebook ([link](#))
- Listen to the podcast ([link](#))

Learn about view operations

- Read through the colab notebook ([link](#))
- Try out the Tensor Views lab ([link](#))