

## 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](#))