

Intro to PyTorch

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PyTorch is an open-source deep learning framework used to build neural networks for various applications in computer vision, natural language processing, reinforcement learning, etc...

High-Level Overview of PyTorch Framework



Tensor

torch.Tensor

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Dataset and
DataLoaders

torch.utils.data

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torch.nn.Module, torch.nn.Sequential

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Torch Useful Utilities

- Saving and loading model
- Checkpointing
- Debugging and visualizing the models with Tensorboard
- Distributed training

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- Torchtex
- Torchserve
- Torchdata
- Torchaudio
- Torchrec

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Torch Ecosystem

- Transformers
- PyTorchNLP
- Fastai
- PyTorch3D
- PyTorchVideo
- Many more...

Learn more at pytorch.org