

PyTorch Ecosystem



PyTorch Domain Libraries

Computer vision datasets, models, and image transforms.

trochvision

torchserve

NLP datasets, tokenization, and text processing tools.

torchtext

Deploys and serves PyTorch models in production.

torcharrow

Simplifies training code while keeping PyTorch flexibility.

pytroch_lighting

torchaudio

Columnar data processing for large-scale ML pipelines.

Popular PyTorch Ecosystem Libraries

Pretrained models for NLP, vision, and multimodal tasks.

Hugging Face Transformers

TorchMetrics

Standard, reusable metrics for model evaluation.

High-level API for fast experimentation and training.

Fastai

TorchElastic

Fault-tolerant distributed training for PyTorch.

Graph neural network (GNN) library.

PyTorch Geometric

Optuna

Automated hyperparameter optimization.

Training loop utilities and experiment management.

Catalyst

AllenNLP

NLP research library built on PyTorch.

Lightweight helpers for training and evaluation loops.

Ignite

Skorch

Scikit-learn style interface for PyTorch models.

Time-series forecasting with deep learning

PyTorch Forecasting

TensorBoard for PyTorch

Visualizes training metrics and model graphs.