

Introduction to Pytorch

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September 21, 2021

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- 5 Only use the python libraries we have asked you to use. So no "Open-CV"

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- 3 Keras
- 4 Caffe
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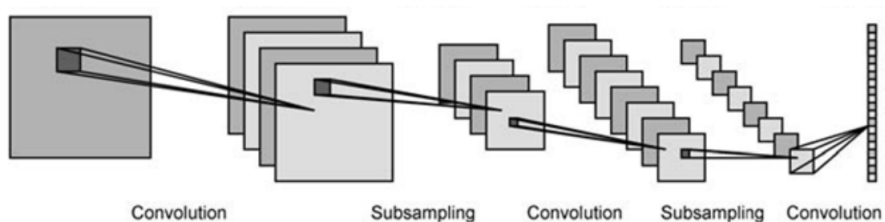
- 1 Pretty Simple to use, if you are familiar with Python
- 2 That's what I know

Procedure to Train a Model

Steps To Train a model in Pytorch:-

- 1 Step 1:- Create a Dataset Loader.
- 2 Step 2: Set up the DataLoader given in Pytorch
- 3 Step 3:- Set up the Model, Optimizer and Loss
- 4 Step 4:- Repeat until all epochs are done
 - 1 Put Model in Train Mode
 - 2 Send the input and model to GPU
 - 3 Do forward pass
 - 4 Find Loss
 - 5 Set gradients as zero
 - 6 do backward pass
 - 7 Step the optimizer
- 5 Step 5:- Put Model in Eval Mode. Evaluate results on Testing Data.

Model Used For Demo



(a) Model Used