**PyTorch**

Founded in October 2016 by Facebook based on Torch library

Written in [Python](https://en.wikipedia.org/wiki/Python_(programming_language)), [C++](https://en.wikipedia.org/wiki/C%2B%2B), [CUDA](https://en.wikipedia.org/wiki/CUDA)

Why PyTorch:

* Dynamic computation graph, you can define/manipulate your graph on-the-go. This is useful when you are doing research and building large parameters models.
* PyTorch is more *pythonic*and easy to learn.
* Some well-known architecture based on PyTorch OpenAI (GPT), FASTAI (UMLFIT)
* In computer vision Pytorch perform well as compare to other architecture (used by Tesla and Uber) model like ImageNet.

When not to use:

* In rapid production environment as pytorch model is heavy in deployment and it takes lots of efforts to make model light weight.

**Tokenizer**:

<https://github.com/graviraja/100-Days-of-NLP/blob/master/tokenization/torchtext_tokenization.py>

**TorchText**:

<https://pytorch.org/text/index.html>

**Study Link**:-

https://pytorch.org/assets/deep-learning/Deep-Learning-with-PyTorch.pdf