

# Important PyTorch Modules

# Important PyTorch Modules

- torch.nn
- torch.optim
- torch.autograd



torch.nn



# torch.nn

- Layers



# torch.nn

- Layers
  - Linear



# torch.nn

- Layers
  - Linear
  - Conv2d



# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.



# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions

 Analytics  
Vidhya



# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid

Analytics  
Vidhya

# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid
  - Tanh

Analytics Vidhya

# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid
  - Tanh
  - ReLU, etc.

Analytics Vidhya

# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid
  - Tanh
  - ReLU, etc.
- Loss Functions

# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid
  - Tanh
  - ReLU, etc.
- Loss Functions
  - MSELoss

# torch.nn

- Layers
  - Linear
  - Conv2d
  - MaxPool2d, etc.
- Activation Functions
  - Sigmoid
  - Tanh
  - ReLU, etc.
- Loss Functions
  - MSELoss
  - CrossEntropyLoss, etc.

torch.optim



# torch.optim

- SGD





# torch.optim

- SGD
- RMSProp



# torch.optim

- SGD
- RMSProp
- Adam, etc.



torch.autograd

