

# Quiz - 2 ( IBM Professional Readiness Program ) Artificial Intelligence

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Which of the following deep learning models uses back propagation?

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- ☐ Convolutional Neural Network
- ☐ Multilayer Perceptron Network.
- ☒ Recurrent Neural Network
- ☐ All of the above.

Which of the following is a deep learning library?

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- ☐ Tensorflow
- ☐ Keras
- ☐ Pytorch
- ☒ All of the above

Convolutional Neural Network is used in? \*

- ☐ Image Classification
- ☐ Text Classification.
- ☐ Computer Vision.
- ☒ All of the above

What is the process of updating weights in a neural network called? \*

- ☐ Forward Propagation
- ☒ Back Propagation
- ☐ Gradient Descent.
- ☐ Learning Rate.

What is the role of the optimizer in a neural network? \*

- ☐ To select the best activation function
- ☒ To minimize the loss function
- ☐ To determine the number of layers
- ☐ To set the learning rate.

What is the term used to describe a neural network that has multiple hidden layers? \*

- ☐ Shallow Neural Network
- ☒ Deep Neural Network
- ☐ Convolutional Neural Network.
- ☐ Recurrent Neural Network.

What does the import cv2 statement do? \*

- ☒ Imports the SciPy library for numerical processing.
- ☐ Imports the NumPy library for numerical processing.
- ☐ Imports our OpenCV Python bindings.
- ☐ Displays an image to our screen.

Which provides a framework for studying object recognition? \*

- ☐ Learning
- ☐ Unsupervised learning
- ☒ Supervised learning
- ☐ None of the mentioned

What is the abbreviation of YOLO ? \*

- ☐ You only like once
  - ☐ You only live once
  - ☒ You only look once
  - ☐ None of the mentioned
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What kind of algorithm is YOLO ? \*

- ☐ image classification
- ☐ Prediction
- ☒ Object Detection
- ☐ Both A & C