Section 4: Introduction to Artificial Neural Networks and TensorFlow

Now that you are done with the videos of section 4, let's assess your learning. Here, are a few questions, followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1. The "Architecture" of a Deep Neural Network model refers to:

a. The software to calculate parameters
b. The organization of the weights
c. The number of elements inside the network
d. Number of layers and neurons per layer

Q2. One possible *loss function* of a Deep Neural Network model in a regression task can be:

a. Cross entropy
b. Mean Squared Error
c. Square loss
d. Sigmoid

Q3. The rank of a TensorFlow Tensor corresponds to the concept of:

a. Number of elements of the Tensor
b. Number of dimensions of the Tensor
c. Memory usage
d. Length of the Tensor

Q4. Object that encapsulates the environment in which operation objects are executed in TensorFlow:

a. Session
b. Tensor
c. Variable
a. Environment