Artificial Intelligence - Quiz 3

Total points   6/10   ?

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B7-1A3E ▼

Which method is used to train neural network *   1/1

○ train()

◉ fit()

○ add()

○ compile()

If Dependent Variable is binary which of the following activation function can   *1/1
be applied in output layer

○ Softmax

○ Relu

◉ Sigmoid

○ None

What is the range of sigmoid function *   0/1

○ 0 to 1

○ 0 to 10

◉ -1 to 1

○ 5 to 10

What is an epoch *   1/1

◉ When the whole training set passed through ANN

○ Forward Propagation

○ Backward Propagation

○ Synonym of Propagation

Which algorithms is used for time series analysis *   0/1

○ ANN

○ CNN

○ RNN

◉ None

When to use Multilayer Perceptrons *   0/1

○ Image

◉ Text

○ Time Series Data

○ All of the above

In a classification problem, which of the following activation function is most   *1/1
widely used in the output layer of neural networks?

◉ Sigmoid function

○ Rectifier function

○ Hyperbolic function

○ All of the above

Whats does 32 represents in --->model.add(Convolution2D(32, (3,3),input_shape=(64,64,3),activation="relu"))
*0/1

○ No of inputs

○ No of Feature Detector

○ No of weights

● None

For an image classification task, which of the following deep learning algorithm is best suited?
*1/1

○ Recurrent Neural Network

○ Multi-Layer Perceptron

● Convolution Neural Network

○ All of the above

Which of the following is a correct order for the Convolutional Neural Network operation?
*1/1

● Convolution -> max pooling -> flattening -> full connection

○ Max pooling -> convolution -> flattening -> full connection

○ Flattening -> max pooling -> convolution -> full connection

○ None

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