Artificial Intelligence - Quiz 3

Total points   4/10   ?

Name *

Kristen

Registered Roll Number/Registered Number *

Please enter the number as displayed in the profile section in the platform

310719205003

Registered Email id *

Please enter the email id used to login to the platform

kristenclinton22@gmail.com

Select your Training Batch *

B5-5M1E   ▼

Which method is used to train neural network *   0/1

○ 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 *   1/1

◉ 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 *   1/1

○ Image

○ Text

○ Time Series Data

◉ All of the above

In a classification problem, which of the following activation function is most   *0/1
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?   *0/1

○ 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?   *0/1

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

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

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

○ None

Google Forms