Artificial Intelligence - Quiz 3

Total points   5/10   ?

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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 be *0/1
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 widely used in the output layer of neural networks? *1/1

◉ 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 *1/1
operation?

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

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

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

○ None

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