Artificial Intelligence - Quiz 3

Total points 5/10 ?

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PRABAVATHI S

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prabav798@gmail.com

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B3-3M5E ▼

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 *   0/1

◯ 0 to 1

◯ 0 to 10

◯ -1 to 1

◉ 5 to 10

What is an epoch *   0/1

○ When the whole training set passed through ANN

◉ Forward Propagation

○ Backward Propagation

○ Synonym of Propagation

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

○ 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?   *0/1

○ 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?   *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 *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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