Artificial Intelligence - Quiz 3

Total points   10/10   ?

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B3-3M5E   ▼

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 be * 1/1
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 *   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?   *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"))   *1/1

- ○ 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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