Artificial Intelligence - Quiz 3

Total points 6/10

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Select your Training Batch *

B3-3M5E

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

- train()
- [x] fit()
- add()
- compile()

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

- Softmax
- Relu
- [x] Sigmoid
- None

What is the range of sigmoid function * 1/1

- [x] 0 to 1
- 0 to 10
- -1 to 1
- 5 to 10

What is an epoch * 1/1

- [x] 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
- [x] None

When to use Multilayer Perceptrons * 1/1

- Image
- Text
- Time Series Data
- [x] 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
- [x] 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
- [x] None

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

- Recurrent Neural Network
- Multi-Layer Perceptron
- [x] 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
- [x] None