Artificial Intelligence - Quiz 3

Name *

Monica

Registered Roll Number/Registered Number *

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

731119106018

Registered Email id *

Please enter the email id used to login to the platform

monicaerd2001@gmail.com

Select your Training Batch *

B8-2A4E

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 applied in output layer *1/1

○ 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

Google Forms