

# Artificial Intelligence - Quiz 3

Total points 9/10 ?

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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 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")) \*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 operation? \*1/1

- ☒ Convolution -> max pooling -> flattening -> full connection
- ☐ Max pooling -> convolution -> flattening -> full connection
- ☐ Flattening -> max pooling -> convolution -> full connection
- ☐ None