

Week 2 Assessment AI

Total points 11/15 ?

Email address *

sapireddyrahul@gmail.com

Name *

Sapireddy Srinivas Rahul

Email ID *

sapireddyrahul@gmail.com

Batch *

☒ Career Basic (Slot 3)

Mobile Number *

9391446758



✓ Back propagation is a learning technique that adjusts weights in the neural network by propagating weight changes. * 1/1

- ☐ Forward from source to sink
- ☒ Backward from sink to source
- ☐ Forward from source to hidden nodes
- ☐ Backward from sink to hidden nodes



✓ Find the valid statement * 1/1

- ☐ le = labelEncoder(x)
- ☒ le = LabelEncoder()
- ☐ Le = oneHotEncoder(x[0]).toarray
- ☐ All are invalid



✗ Which activation function is used for binary kind of output * 0/1

- ☐ Relu
- ☒ Sigmoid
- ☒ Binary
- ☐ Softmax



Correct answer

- ☒ Sigmoid
- ☒ Softmax



✗ Activation function softmax is used for *

0/1

- ☐ Continous data
- ☒ Categorical Data
- ☐ Binary data
- ☐ Decimal data



Correct answer

- ☒ Categorical Data
- ☒ Binary data

✗ Sequence of layers in NN *

0/1

- ☐ Input, Hidden, Hidden, Output
- ☐ Hidden, Output
- ☒ Input, Hidden, Output
- ☐ 1 and 3
- ☐ All
- ☐ None of the above



Correct answer

- ☒ 1 and 3



✓ What are dendrites? *

1/1

- ☒ fibers of nerves
- ☐ nuclear projections
- ☐ other name for nucleus
- ☐ none



✓ The fundamental unit of network is *

1/1

- ☐ Brain
- ☐ Nucleus
- ☒ Neuron
- ☐ Axon



✗ What is an epoch *

0/1

- ☐ Number of iterations
- ☐ One training processes equals to one epoch
- ☐ Number of training process that are to be computed
- ☒ All the above



Correct answer

- ☒ One training processes equals to one epoch



✓ What is the Loss for Binary Data *

1/1

- ☐ Mean square error
- ☒ Binary_crossentropy
- ☐ Sochastic Gradient Discent
- ☐ Tangent



✓ Which activation functions gives the output in the range of -1 to 1 *

1/1

- ☐ Sigmoid
- ☐ Softmax
- ☐ Relu
- ☒ Tangent



✓ What are the different ways to fill null values *

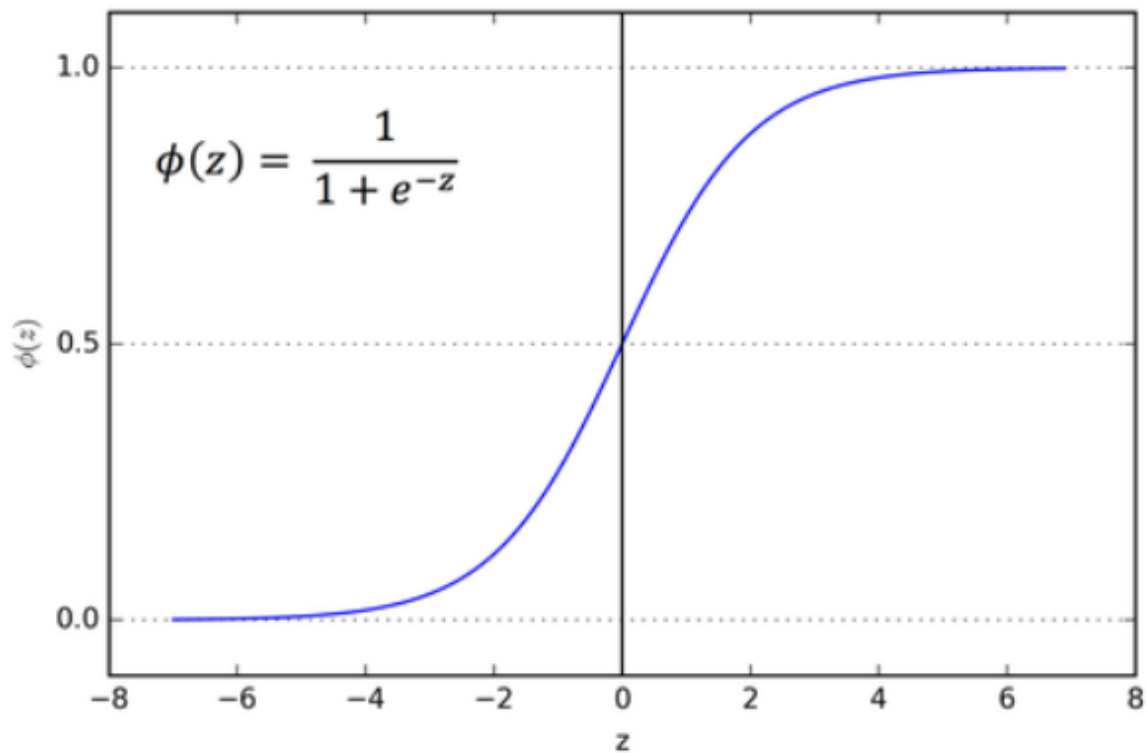
1/1

- ☒ Mode, Median, Mean
- ☐ Only mean
- ☐ Only Median
- ☐ Standard deviation , variance



✓ The below function represents *

1/1



- ☐ Relu
- ☒ Sigmoid
- ☐ Linear



✓ Select a valid import statement for LabelEncoder *

1/1

- ☐ from sklearn.preprocessing import LabelEncoder(x [0])
- ☐ from sklearn.preprocessing import oneLabelencoder
- ☐ from sklearn.preprocessing.models import LabelEncoder()
- ☒ from sklearn.preprocessing import LabelEncoder



✓ RELU stands for *

1/1

- ☐ Regressive Linear Unit
- ☐ Rectified Lagrangian Unit
- ☐ Regressive Lagrangian Unit
- ☒ Rectified Linear Unit



✓ Why is the Pooling Layer used in a Convolution Neural Network? *

1/1

- ☐ Object Recognition
- ☐ Image Sensing
- ☐ They are of no use in CNN.
- ☒ Dimension Reduction



This form was created inside of thesmartbridge.

Google Forms

