Week 3 Assessment AI

Total points 23/30 ?

Email address *

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23 of 30 points

✓ Output of the following code * 1/1

```
i = 1
while True:
    if i%007 == 0:
        break
    print(i)
    i += 1
```

○ 1

○ 1 2 3 4 5 6

◉ Error ✓

○ None

✗ Which of the following parameters is not required while creating a layer in Keras? * 0/1

○ activation function

○ number of epochs

◉ regularization method ✗

○ weight initialization method

Correct answer

◉ number of epochs

✓ If you want to automatically run the code, whenever changes are made, which argument is used? * 1/1

○ threaded=True

◉ debug=True ✓

○ threaded=False

○ debug=False

✓ Which of the below are NLP use cases? * 1/1

○ Detecting objects from an image

○ Facial Recognition

◉ Text Summarization ✓

○ Speech Biometric

✓　What is meant by discrete data? *　　　　　　　　　1/1

- ◉ One that allows Only finite set of values　　　　　　✓
- ○ One that allows real numbers only
- ○ Both a and b
- ○ One that allows float values only

Name *

Sapireddy Srinivas Rahul

✓　What Happens in Back Propagation *　　　　　　　　1/1

- ◉ Adjusting weights　　　　　　　　　　　　　　　✓
- ○ Adjusting Activation Function
- ○ Adjusting dimensions
- ○ All of the above

✓　Which service of IBM is used for image classification with full automation 1/1
*

- ○ Watson Notebooks
- ○ AutoAI
- ◉ Visual Recognition　　　　　　　　　　　　　　✓
- ○ Watson Assistant

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

○ Softmax

○ Relu

◉ Sigmoid   ✓

○ Threshold

✓   The output of tanh activation function ranges from: *   1/1

○ 0 to 1

◉ -1 to 1   ✓

○ -1 to 0

○ 0 to 9

✗   Mathematical operations can be performed on a string. State whether   0/1
     true or false. *

◉ True   ✗

○ False

Correct answer

◉   False

✓ Output of print(0.1 + 0.2 == 0.3) *   1/1

○ True

◉ False   ✓

○ Error

✓ Number of neurons in Input layer of ANN depends on: *   1/1

○ Dependent Variables

◉ Independent Varibles   ✓

○ Weights

○ Activation Function

✓ Neural Networks Algorithms are inspired by the structure and functioning of the Human Biological Neuron. *   1/1

◉ True   ✓

○ False

✗   Which is the correct operator for x to the power of y? *   0/1

○ x^y   ✗

○ x**y

○ x^^y

○ Other

Correct answer

◉ x**y

✗   Which of the following is an invalid statement? *   0/1

○ a,b,c = 1000,2000,3000

◉ a_b_c=10,20,300   ✗

○ a,b=10,20,300

○ All the above

Correct answer

◉ a,b=10,20,300

✓   Convolution helps to Extract important features. *   1/1

◉ True   ✓

○ False

✗ **@app.route('/', methods=['GET','POST']) What does the argument methods mean? ***   0/1

◉ Passing the data through GET and retrieving through POST   ✗

○ Running the code present in GET and POST methods

○ Data passed from UI can be accessed by flask either by GET or POST method

○ None

Correct answer

◉ Data passed from UI can be accessed by flask either by GET or POST method

---

✓ **What value would be in place of the question mark? ***   1/1

INPUT

1	1	1	0	0
0	1	1	1	0
0	0	1	1	1
0	0	1	1	0
0	1	1	0	0

FILTER

1	0	1
0	1	0
1	0	1

CONVOLVED FEATURE

?		

○ 6

○ 3

◉ 4   ✓

○ 5

✓ Which one of these is floor division? *   1/1

○ /

⦿ //   ✓

○ %

○ Other: _____

Batch *

⦿ Career Basic (Slot 3)

✗ Functionality of Dense() *   0/1

○ Initialize the neural network

○ Creates a layer

○ Deletes a layer
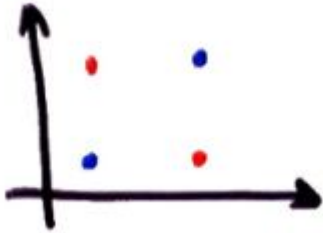
⦿ Executes a layer   ✗

Correct answer

⦿ Creates a layer

✓ Is the data linearly separable? * 1/1

○ Yes

◉ No ✓

Mobile Number *

9391446758

✓ To recognize an image, which neural network would be best suitable? * 1/1

○ ANN

◉ CNN ✓

○ RNN

○ Perceptron

○ None

✓ What does request.form['abc'] return? * 1/1

○ returns a string abc

⦿ returns the values entered by user in id=abc ✓

○ returns a form with name abc

○ error

✓ @app.route('/age') What does this do when executed? * 1/1

○ create an age reference

⦿ executes the code when age sub-page is hit ✓

○ prints age value

○ none

✓ Output of the following snippet? * 1/1

```
from nltk.stem import PorterStemmer
ptr = PorterStemmer()
ptr.stem("Affecting")
```

⦿ Affect ✓

○ Affecting

○ Error

○ None

✕   The process of removing words like "and", "is", "a", "an", "the" from a sentence is called as *   0/1

○ Stemming

○ Lemmatization

○ Stopwords

◉ Tokenization   ✕

Correct answer

◉ Stopwords

✓   Output of Neural Network can be *   1/1

○ Continuous

○ Binary

○ Categorical

◉ All Of The Above   ✓

✓ Output of the following code *   1/1

```python
x = ['ab', 'cd']
for i in x:
    i.upper()
print(x)
```

◉ ['ab' , 'cd']   ✓

◯ ['AB' , 'CD']

◯ [None, None]

◯ None

✓ Pooling helps us to avoid _____ *   1/1

◯ Distortions

◯ Over fitting

◯ Spatial Invariance

◉ All of the above   ✓

✓ Given a string s = "Welcome", which of the following code is incorrect? * 1/1

◯ print s[0]

◯ print s.lower()

◉ s[1] = 'r'   ✓

◯ print s.strip()

Identity

Roll Number *

10241A0457

Full College Name *

Gokaraju Rangaraju Institute of Engineering and Technology

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