Artificial Intelligence - Quiz 1   Total points 7/10 ?

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B5-5M1E   ▾

Which of the following is the branch of Artificial Intelligence?   1/1

- ⦿ Machine Learning
- ◯ Cyber forensics
- ◯ Full-Stack Developer
- ◯ Network Design

The "Father of Artificial Intelligence" is   1/1

- ◯ Alan Turing
- ◯ Charles babbage
- ⦿ John McCarthy
- ◯ None of the above

Which of the following is the common language for Artificial Intelligence?   1/1

- ◯ PHP
- ⦿ Python
- ◯ Java
- ◯ Lisp

Who developed Python Programming Language?   1/1

- ○ Wick van Rossum
- ● Guido van Rossum
- ○ Rasmus Lerdorf
- ○ Niene Stom

Which type of Programming does Python support?   1/1

- ○ Object-oriented programming
- ○ Functional programming
- ○ Structured programming
- ● All of the mentioned

Which of the following is the correct extension of the Python file ?   1/1

- ● .py
- ○ .pl
- ○ .python
- ○ .p

What will be the output of the following Python code snippet?   0/1

for i in [1, 2, 3, 4][::-1]:
print (i)

○ 4 3 2 1

○ error

○ 1 2 3 4

◉ none of the mentioned

If their is missing values in Categorical column, how do deal with?   0/1

◉ Replace with Mean value

○ Replace with Median

○ Replace with Mode value

○ Replace Quantile value

Which of the following are scaling methods ?   1/1

○ Robust scalar

○ Normalization

○ Standardization

◉ all of the mentioned

What is the use of the zeros() function in Numpy array in python ?   0/1

○ To make a Matrix with first row 0

○ To make a Matrix with all element 0

○ To make a Matrix with all diagonal element

◉ None of the above

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Artificial Intelligence - Quiz 2   Total points   6/10   ?

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B5-5M1E   ▾

Which of the following is a branch of statistics?   1/1

○ Descriptive statistics

○ Inferential statistics

○ Industry statistics

◉ Both A and B

The runs scored by a batsman in 5 ODIs are 31,97,112, 63, and 12. The mean is   1/1

○ 112

◉ 63

○ 97

○ 12

Which of the following is not a visualization under matplotlib   1/1

○ Scatter plot

○ Histogram

○ Box plot

◉ Table plot

To handle the null values in your data which method is used?
0/1

◉ isnull()

○ isfull()

○ fillna()

○ fullna()

Which of the following sklearn method is used to split the data into training and testing
1/1

○ test_split()

◉ train_test_split()

○ test_train_split()

○ split_train_test()

Which of the following is correct to import the matplotlib library
0/1

○ import plt.matplotlib as plot

◉ import plot.matplotlib as pt

○ import matplotlib.pt as plot

○ import matplotlib.pyplot as plt

Which method is used for encoding the categorical variables   1/1

○ One Hot Encoder

○ Category Encoder

○ Label Encoder

◉ Both A & C

Which statstical method we can use for replacing missing values for categorical 0/1
feature

○ Mean

○ Median

○ Mode

◉ All of the above

Which function we use to get descriptive statstics for the data   0/1

○ description()

○ describe()

○ statstics()

◉ None of the above

Identify the outlier for the given data
34,23,43,28,56,125,52,40,26,24,37,25

1/1

○ 56

○ 23

◉ 125

○ 34

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Monday, October 31, 2022
12:14 PM

Artificial Intelligence - Quiz 3   Total points   4/10   ?

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B5-5M1E   ▼

Which method is used to train neural network *   0/1

- ⦿ train()
- ◯ fit()
- ◯ add()
- ◯ compile()

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

- ◯ 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 *   0/1

◉ 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   *0/1
widely used in the output layer of neural networks?

○ Sigmoid function

◉ Rectifier function

○ Hyperbolic function

○ All of the above

Whats does 32 represents in --->model.add(Convolution2D(32,   *0/1
(3,3),input_shape=(64,64,3),activation="relu"))

◉ No of inputs

○ No of Feature Detector

○ No of weights

○ None

For an image classification task, which of the following deep learning   *0/1
algorithm is best suited?

◉ 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 *0/1
operation?

○ Convolution -> max pooling -> flattening -> full connection

◉ Max pooling -> convolution -> flattening -> full connection

○ Flattening -> max pooling -> convolution -> full connection

○ None

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