Skillconnect Weekly Quiz 1

Questions

Correct syntax of the reshape() function in Numpy array python is - **2 points**

- ○ array.reshape(shape)
- ○ reshape(shape, array)
- ○ np.reshape(array, shape)
- ○ Other: _____

Which of the following will be Euclidean Distance between the two data point A(1,3) and B(2,3)? **2 points**

- ○ 1
- ○ 2
- ○ 4
- ○ 8

How to read a CSV file in Pandas? (Assume file as "data.csv") **2 points**

Your answer

Do we require to update the value of Learning rate in gradient descent (Yes/No). Why? **5 points**

Your answer

Movie Recommendation systems are an example of   2 points

- ○ Classification
- ○ Clustering
- ○ Reinforcement Learning
- ○ Regression

Which of the following option is true about k-NN algorithm?   2 points

- ○ It can be used for classification
- ○ It can be used for regression
- ○ It can be used in both classification and regression

How we can convert the Numpy array to the list in python?   2 points

Your answer

k-NN algorithm does more computation on test time rather than train time.   2 points

- ○ Yes
- ○ No
- ○ Maybe

Can decision trees be used for performing clustering? 2 points

○ Yes

○ No

Is it true that in KNN algorithm, higher the value of K, better the results? 2 points

○ Yes

○ No

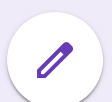For two runs of K-Mean clustering is it expected to get same clustering results? 2 points

○ True

○ False

Which of the following is correct way to import the Numpy module in your program ? 2 points

○ import numpy

○ import numpy as np

○ from numpy import *

○ All of the above

Which isn't a Classification Problem? 2 points

○ Identifying different breeds of Dogs

○ Labelling an incoming mail as spam or non spam

○ Face Recognition among a set of 5 people

○ None

What is cross-validation and the purpose of performing it. 2 points

Your answer

Logistic Regression is used for 2 points

○ Classification

○ Clustering

○ Linear Regression

○ Multivariate Regression

Why is it recommended to have large datasets for training Deep Learning models? 2 points

Your answer

A copy of your responses will be emailed to the address that you provided.

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