Single-answer Question   Question 1/20   Use keyboard ↑↓ M

1、We can use ( ) function to check the documentation of modules, functions, classes, keywords etc. in python.

- A. dir()
- B. type()
- C. del()
- ● D. help()

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Single-answer Question   Question 2/20

2、Which is not python data types?

- A. Complex
- B. Dictionary
- ● C. Void
- D. String

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3、 In a python list: List1 = [1, 2, 3, 4], we can get the element 2 by ().

○ A. List1[0]

◉ B. List1[1]

○ C. List1[2]

○ D. List1[3]

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4、 If we use a pair of braces {} to create an empty data, will it be () ?

○ A. A set

○ B. A tuple

◉ C. A dictionary

○ D. A list

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5、 Which statement do we use to catch errors or exceptions in python?

○ A. If-elif-else statement

○ B. For statement

⦿ C. Try-except statement

○ D. Assert statement

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6、 Which symbol do we use for Python decorator?

⦿ A. @

○ B. *

○ C. &

○ D. #

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7、 If we want to get the process ID (PID) of the calling process, which module can we use?

A. Sys module

B. Os module

C. Time module

D. Io module

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Use keyboard ↑↓ to switch questions

8、 In numpy, If a = np.arange(12).reshape(4, 3), b = np.linspace(3, 27, 9).reshape(3, 3), which function can we use to merge a and b by rows?

A. a+b

B. np.merge((a, b), axis=0)

C. np.join((a, b), axis=1)

D. np.concatenate((a,b), axis=0)

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9、 If we want to plot the frequency of data, which plot is the best choice?

A. Bar plot

B. Histogram plot

C. Scatter plot

D. Line plot

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10、If a = np.array([[1, 2], [3, 4]]), what a[[0, 1], [1, 0]] will be?

○ A. [1, 3]

○ B. [1, 4]

○ C. [2, 4]

◉ D. [2, 3]

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11、If A = np.array([[3,4],[7,8]]), then we use scipy.linalg.eig(A), how many eigenvalues can we get?

○ A. 1

◉ B. 2

○ C. 3

○ D. 4

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12、When we do data preprocessing in scikit-learn, which methods can we use?

☑ A. StandardScaler

☑ B. MinMaxScaler

☑ C. MaxAbsScaler

☐ D. DataScalar

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13、Which functions in pandas can we use when working with missing data?

☑ A. fillna()

☑ B. dropna()

☑ C. isnull()

☑ D. isna()

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14、 Which functions are in pandas but not in numpy?

☑ A. mean

☐ B. append

☑ C. describe

☐ D. count

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15、 If we want to do matrix multiplication to arrays, which of them can we use?

☑ A. @

☑ B. *

☑ C. numpy.dot()

☐ D. numpy.multiply()

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16、If we want to change other data types to array, for example, list1=[1, 2, 3], which functions can we use?

☑ A. numpy.array(list1)

☐ B. numpy.arange(list1)

☑ C. numpy.asarray(list1)

☐ D. numpy.linspace(list1)

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17、There are multiple ways to pass data to a function, which are ().

☑ A. keyword arguments

☑ B. arbitrary positional arguments

☑ C. default arguments

☑ D. positional arguments

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18、 Which fields can python be applied?

☑ A. Artificial intelligence

☑ B. Data science

☑ C. Web crawler

☐ D. Cloud computing

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19、 Which of the followings are python features?

☑ A. Third-party packages

☑ B. Object-oriented

☑ C. Low performance

☑ D. Simple syntax

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20、Tuples are mutable sequences, typically used to store collections of heterogeneous data.

○ True

● False

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