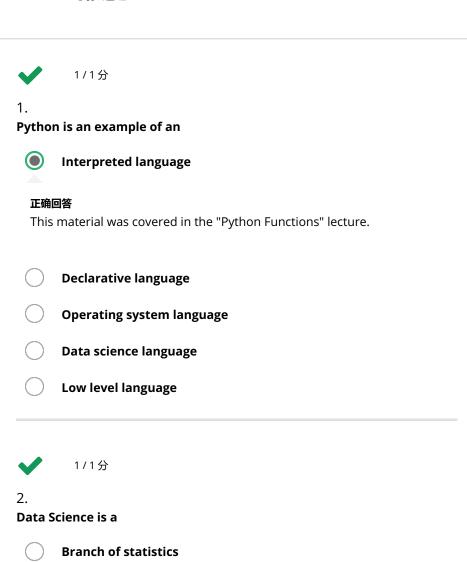
Week One Quiz

返回第1周课程



12/12 得分 (100%)

测验通过!



正确回答

This material was covered in the "Data Science" lecture.

Interdisciplinary, made up of all of the above

Branch of computer science

Branch of artificial intelligence

正确回答 This ma

This material was covered in the "Python More on Strings" lecture.

True

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1/1分

6.

What	is the result of the following code: ['a', 'b', 'c'] + [1, 2, 3]
	['a', 'b', 'c', 1, 2, 3]
正确 l This lectu	material was covered in the "Python Types and Sequences"
\bigcirc	TypeError: Cannot convert list(int) to list(str)
\bigcirc	['a1', 'b2', 'c3']
\bigcirc	[['a', 'b', 'c'], [1, 2, 3]]
7.	1/1分
String	slicing is
\bigcirc	A way to make string mutable in python
\bigcirc	A way to reduce the size on disk of strings in python
	A way to make a substring of a string in python
正确 l	回答 material was covered in the "Python More on Strings" lecture.
8.	1/1分
When	you create a lambda, what type is returned? E.g. type(lambda x: eturns
	<class 'function'=""></class>
	回答 material was covered in the "Advanced Python Lambda and List nprehensions" lecture.
	<class 'type'=""></class>

<class 'int'>

<class 'lambda'>

V	1/1分							
9.								
The ep	The epoch refers to							
\bigcirc	January 1, year 0							
	January 1, year 1970							
正确l This	回答 material was covered in the "Python Dates and Times" lecture.							
\bigcirc	January 1, year 1980							
\bigcirc	January 1, year 2000							
10. This co	1 / 1 分 ode, [x**2 for x in range(10)] , is an example of a							
0	List comprehension							
	回答 material was covered in the "Advanced Python Lambda and List nprehensions" lecture.							
\bigcirc	Sequence comprehension							
\bigcirc	Tuple comprehension							
	List multiplication							
<u> </u>	1/1分							

11.

Given a 6x6 NumPy array r, which of the following options would slice the shaded elements?

0	1	2	3	4	5
6	7	8	9	10	11
12	13	14	15	16	17
18	19	20	21	22	23
24	25	26	27	28	29
30	31	32	33	34	35

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1 r.reshape(36)[::7]

正确回答

You could also use np.diag(r). This material was covered in "Advanced Python Demonstration: The Numerical Python Library (NumPy)"

\bigcirc	1	r[0:6,::-7]

\bigcirc	1	r[[:,::7]		





1/1分

12.

Given a 6x6 NumPy array r, which of the following options would slice the shaded elements?

0	1	2	3	4	5
6	7	8	9	10	11
12	13	14	15	16	17
18	19	20	21	22	23
24	25	26	27	28	29
30	31	32	33	34	35

1	r[2:4,2:4]		

正确回答

This material was covered in "Advanced Python Demonstration: The Numerical Python Library (NumPy)"

\bigcirc	1 r[[2,3],[2,3]]	

\bigcirc	1	r[[::2,::2]	

\bigcirc	1	r[2::2,2::2]		