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Week One Quiz

12 questions

1 point								
1. Python is an example of an								
0	Interpreted language							
0	Declarative language							
0	Operating system language							
0	Data science language							
0	Low level language							
1 poin	t							
2.								
Data S	cience is a							
O	Branch of statistics							
0	Branch of computer science							
0	Branch of artificial intelligence							
0	Interdisciplinary, made up of all of the above							
1 poin								
3.								
	isualization is not a part of data science.							
0	True							

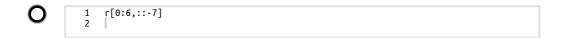
False

1 point Which bracketing style does Python use for tuples? {} () [] 1 point In Python, strings are considered Mutable, and can be changed. False True 1 point 6. What is the result of the following code: ['a', 'b', 'c'] + [1, 2, 3] ['a', 'b', 'c', 1, 2, 3] TypeError: Cannot convert list(int) to list(str) ['a1', 'b2', 'c3'] [['a', 'b', 'c'], [1, 2, 3]] 1 point 7. String slicing is A way to make string mutable in python A way to reduce the size on disk of strings in python A way to make a substring of a string in python

1 point								
8. When you greate a lambda, what type is returned? Fig. type(lambda v; v+1) returns								
When you create a lambda, what type is returned? E.g. type(lambda x: x+1) returns Class 'function'>								
O <class 'type'=""></class>								
O <class 'int'=""></class>								
O <class 'object'=""></class>								
1 point 9.								
The epoch refers to								
January 1, year 0								
O January 1, year 1970								
O January 1, year 1980								
O January 1, year 2000								
1 point								
10. This code, [x**2 for x in range(10)], is an example of a								
O List comprehension								
O Sequence comprehension								
O Tuple comprehension								
O List multiplication								
1 point 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



1 point

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

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30	31	32	33	34	35