

Try again once you are ready  
Grade received 25%  
To pass 80% or higher  
Try again

1. Python libraries and packages include which of the following features? Select all that apply. 0.75 / 1 point

- ☐ Documentation
- ☐ Cells
- ☒ Modules

✓ Correct  
A Python library, or package, broadly refers to a reusable collection of code. Libraries and packages also contain related modules and documentation. You'll often encounter the terms library and package used interchangeably.

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You didn't select all the correct answers

2. What is the core data structure of NumPy? 0 / 1 point

- ☐ List
- ☐ Array
- ☒ Global variable
- ☐ Dictionary

✗ Incorrect  
The array is the core data structure of NumPy. The data object itself is known as an n-dimensional array, or `ndarray` for short. An array can be multidimensional, and all its elements must be of the same data type. Global variables are variables that can be accessed from anywhere in a program or script.

3. A data professional wants to confirm the number of dimensions of an array. What NumPy attribute can they use to do so? 0 / 1 point

- ☐ `shape`
- ☐ `ndim`
- ☐ `dtype`
- ☒ `dimension`

- ⊗ Incorrect  
The data professional can use the NumPy attribute `ndim` to confirm the number of dimensions of an array.