Go to next item

## Due Aug 5, 11:59 PM +08

## Congratulations! You passed!

Grade received 100% To pass 80% or higher

1. Python libraries and packages include which of the following features? Select all that apply. 1/1 point **✓** 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. Reusable collections of code **⊘** 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. ☐ Cells Documentation 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. 2. What is the core data structure of NumPy? 1/1 point Array O Global variable O List Oictionary 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. 3. A data professional wants to confirm the datatype of the contents of array **x**. How would they do this? 1/1 point datatype(x) x.ndim type(x) x.dtype **⊘** Correct

**dtype** is a NumPy array attribute used to check the data type of the contents of an array.