1.

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

1 / 1 point

☐

Cells

☑

Documentation

☑

Reusable collections of code

⊘

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.

☑

Modules

⊘

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.

You didn't select all the correct answers

2.

What is the core data structure of NumPy?

1 / 1 point

○

Global variable

○

Dictionary

⦿

Array

○

List

⊘

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 number of dimensions of an array. What NumPy attribute can they use to do so?

1 / 1 point

○
`dimension`

◉
`ndim`

○
`dtype`

○
`shape`

⊘
Correct
A data professional can use the NumPy attribute `ndim` to confirm the number of dimensions of an array.