HarvardX PH526x
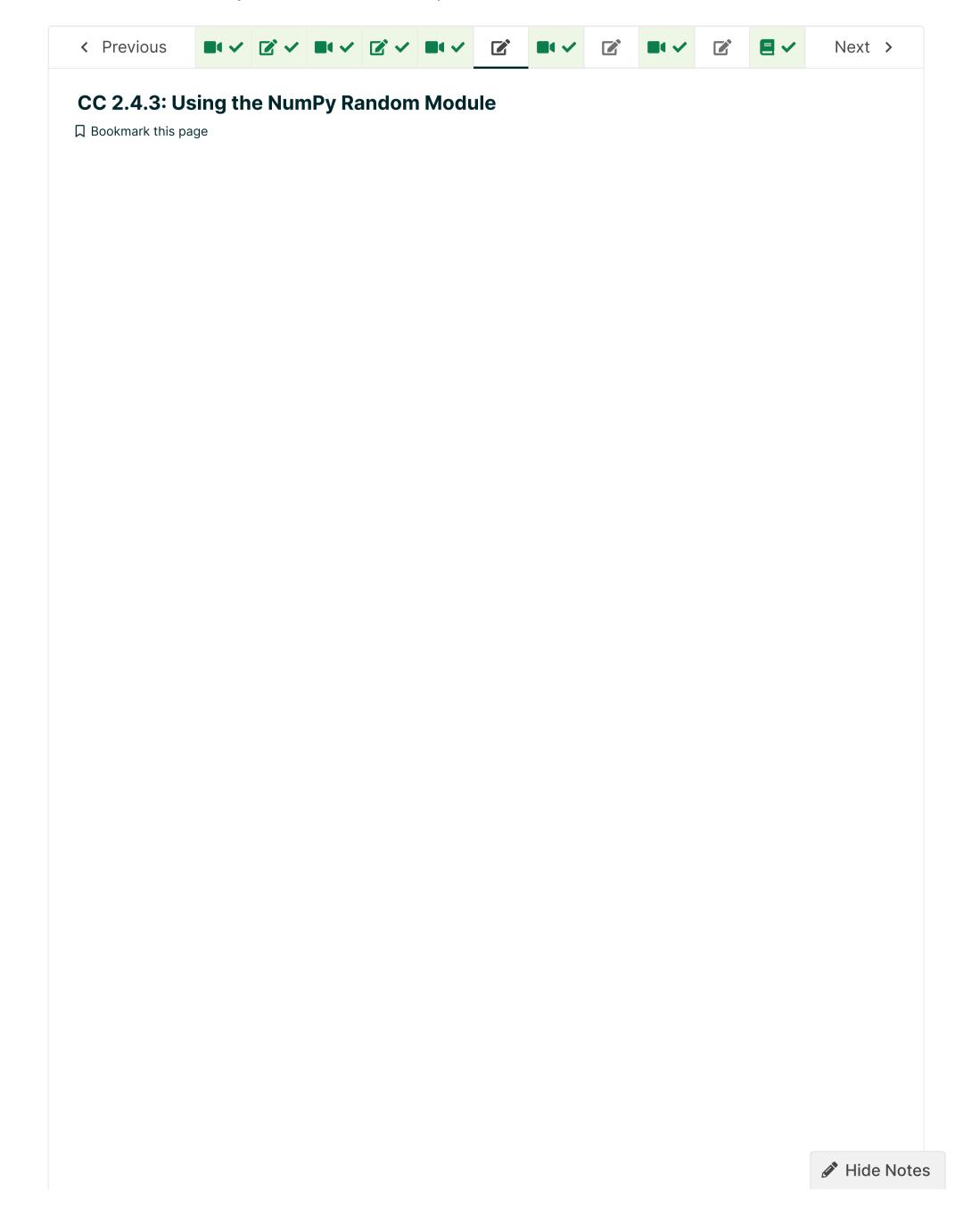**Using Python for Research**

Help   belal_bh ⌄

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CC 2.4.3: Using the NumPy Random Module

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Using the NumPy Random Module: Question 1

1/1 point (graded)
What does `numpy.random.random((5,2,3))` do?
Try `help()` if you aren't sure.

○ Generates a random value from the tuple `(5,2,3)`.

◉ Generates a 5 x 2 x 3 NumPy array with random uniform values.

○ Generates 3 values from the normal distribution with mean 2 and variance 3.

✔

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Using the NumPy Random Module: Question 2

1/1 point (graded)
What does `numpy.random.normal(1,2,3)` do?

○ Generates 3 samples with mean 1 and variance 2.

◉ Generates 3 samples with mean 1 and standard deviation 2.

○ Generates 3 samples with variance 1 and mean 2.

○ Generates 3 samples with standard deviation 1 and mean 2.

○ Generates 1 sample with mean 2 and standard deviation 3.

✔

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Using the NumPy Random Module: Question 3

1/1 point (graded)
What does `numpy.random.randint(1,5,(2,3))` do?

○ Samples a random value from `1`, `5`, and `(2,3)`.

○ Samples a random integer from `1`, `2`, `3`, and `5`.

◉ Generates a 2 x 3 array with random integers from `1-4`.

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○ This code contains an error.

✔

Submit   You have used 1 of 2 attempts

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Using the NumPy Random Module: Question 4

1/1 point (graded)

What is the dimension of `numpy.sum(numpy.random.randint(1,7,(100,10)), axis=0)` ?

○ 1

○ 7

● 10

○ 100

○ 10 x 100

○ 100 x 10

✔

Submit   You have used 1 of 2 attempts
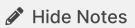
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