Knowledge Check

What is NumPy and what is it used for?

A.   NumPy is used for building dynamic websites.

B.   NumPy is used to perform mathematical operations in science and engineering applications.

C.   NumPy is used for image and speech recognition.

D.   NumPy is used for building mobile applications.

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The correct answer is **B**

NumPy is used to perform mathematical operations in science and engineering applications.

What are the key attributes of ndarray?

A.   ndim, shape, size, dtype, itemsize

B.   ndim, shape, dtype, data, index

C.   ndim, size, dtype, itemsize, data

D.   ndim, index, dtype, itemsize, shape

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B.   ndim, shape, dtype, data, index

C.   ndim, size, dtype, itemsize, data

D.   ndim, index, dtype, itemsize, shape

The correct answer is **A**

The key attributes of ndarray are ndim, shape, size, dtype, itemsize.

Which of the following is used to change the dimension of an array?

A.   ndarray.reshape

B.   ndarray.transpose

C.   ndarray.data

D.   ndarray.flatten

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The correct answer is **A**

ndarray.reshape is used to change the dimension of an array.

Thank You