<https://www.w3resource.com/python-exercises/numpy/index-array.php>

## NumPy Tutorial

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## NumPy Random

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Numpy

Key feturas

Mathematical functions

Broadcasting

Broadcasting: Broadcasting is a powerful mechanism that allows NumPy to work with arrays of different shapes when performing arithmetic operations.

Linear Algebra: NumPy provides functions for performing linear algebra operations, including matrix multiplication, eigenvalue computations, and solving linear equations.

Random Number Generation: It includes tools for generating random. numbers from various distributions, which is useful for simulations and probabilistic computations.

Installationi To install NumPy, you. can use pip, Python's the following package installer, by running the command in your terminal or command prompt: pip install numpy