



Numpy Definition

Numpy is called numerical python used to solve numerical data in python.

it defines multifimentional datatypes like numpy arrays

it helps in domains like linear algebra , fourier transformation , matrices etc

Array

array is the collection of items of the same data type store in contigus memory locations. other data types that stores data on different location as per availability in the memroy

arrays are not comma separated values.

to import numpy

```
[43]: import numpy as np  
import statistics as stats
```

```
[2]: a=np.array([[2],[2],[2]])
```