NUMPY IN PYTHON

(Functions , Operations)

Fundamental library for scientific computing in Python. It provides support for arrays and matrices along with a collection of mathematical functions to operate on these data structures.

Function	Syntax
array	np.array(elements)
type	type(numpy_array)
reshape	numpy_array.reshape(row,column)
arange	np.arange(start,end,step)
ones	np.ones((row,column)
eye	np.eye(row)
shape	numpy_array.shape
ndim	numpy_array.ndim
size	numpy_array.size
dtype	numpy_array.dtype
itemsize	numpy_array.itemsize
sqrt	np.sqrt(numpy_array)
exp	np.exp(numpy_array)
log	np.log(numpy_array)
sin	np.sin(numpy_array)
mean	np.mean(numpy_array)
std	np.std(numpy_array)
median	np.median (numpy_array)
var	np.var(numpy_array)

Click On My Github Link For Implementation & All Other Numpy Operations