

NumPy Library

Creating NumPy arrays is done using 2 ways:

- using numpy array function to create them from other objects such as lists
 - ex : `np.array([1, 2, 3, 4, 5, 6])`
- using numpy built in functions to quickly generate arrays of specific types.

In numpy :

- arrays must contain the same data type
- you can assign the type using : `dtype = np. {Data type of choice}`
- you can save the array into a file to be used elsewhere using : `np.save('{file-name}', {array - variable - name})` this is saved into a .npy file.
- you can load save arrays using : `y = np.load('{file- name}.npv')`

NumPy Methods:

<https://drive.google.com/file/d/1NH7ttjnZTbdQEerff4rZW4XjY9uh2TNT/view>