

## Ineuron

### Assignment 1

What make numpy ?

You'll need to know a bit of Python. For a refresher, see the Python tutorial.

To work the examples, you'll need matplotlib installed in addition to NumPy.

### Learner profile

This is a quick overview of arrays in NumPy. It demonstrates how n-dimensional ( $n \geq 2$ ) arrays are represented and can be manipulated. In particular, if you don't know how to apply common functions to n-dimensional arrays (without using for-loops), or if you want to understand axis and shape properties for n-dimensional arrays, this article might be of help.

### Learning Objectives

After reading, you should be able to: