

```
In [ ]: import numpy as np
arr_1d = np.array([1,2,3,4])
print(arr_1d)
type(arr_1d)
```

```
In [8]: arr_1d.ndim
```

```
Out[8]: 1
```

```
In [13]: arr_2d=np.array([[1,2,3,4],[5,6,7,8]])
print(arr_2d)
type(arr_2d)
```

```
[[1 2 3 4]
 [5 6 7 8]]
```

```
Out[13]: numpy.ndarray
```

```
In [15]: arr_2d.ndim
```

```
Out[15]: 2
```

```
In [18]: arr_1d.size
```

```
Out[18]: 4
```

```
In [20]: arr_2d.size
```

```
Out[20]: 8
```

```
In [22]: arr_2d.shape #(row,column)
```

```
Out[22]: (2, 4)
```

```
In [24]: arr_2d.dtype
```

```
Out[24]: dtype('int32')
```