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In [1]: ## Reshape and Ravel
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In [2]: import numpy as np
```

```
In [3]: array = np.random.randint(1, 100, 9)
```

```
In [4]: array
```

```
Out[4]: array([26, 88, 51, 37, 58, 60, 96, 46, 59])
```

```
In [5]: array.ndim
```

```
Out[5]: 1
```

```
In [7]: # reshape Changing dimension from 1D to 2D  
new_array = array.reshape(3,3)
```

```
In [8]: new_array
```

```
Out[8]: array([[26, 88, 51],  
              [37, 58, 60],  
              [96, 46, 59]])
```

```
In [10]: new_array.ndim
```

```
Out[10]: 2
```

```
In [11]: # ravel Changing dimension from 2D to 1D  
new_array.ravel()
```

```
Out[11]: array([26, 88, 51, 37, 58, 60, 96, 46, 59])
```

```
In [ ]:
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