

Language

MATLAB/Octave

Python

R

Row vector, $1 \times n$ -matrix

```
a=[2 3 4 5];
```

```
a=array([2,3,4,5])
```

```
a <- c(2,3,4,5)
```

Column vector, $m \times 1$ -matrix

```
adash=[2 3 4 5]';
```

```
array([2,3,4,5])[:,NewAxis]
```

```
adash <- t(c(2,3,4,5))
```

```
array([2,3,4,5]).reshape(-1,1)
```

```
r_[1:10,'c']
```