numpyarray

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Get to Know a Numpy Array

Cast the following list to a numpy array:

```python
[9]: import numpy as np
     x=np.array([1,2,3,4,5])
     x
```

```
[9]: array([1, 2, 3, 4, 5])
```

Click here for the solution

```
x = np.array(a)
```

1. Find the type of x using the function `type()`.

```python
[10]: type(x)
```

```
[10]: numpy.ndarray
```

Click here for the solution

```
type(x)
```

2. Find the shape of the array:

```python
[11]: a.shape
```

```
[11]: (5,)
```

Click here for the solution

```
x.shape
```

3. Find the type of data in the array:

```python
[12]: x.dtype
```

```
[12]: dtype('int64')
```

Click here for the solution

```
x.dtype
```

4. Find the mean of the array:

```
[13]: x.mean()
```

```
[13]: 3.0
```

Click here for the solution

```
x.mean()
```