

## ✓ Numpy String Operations

```
import numpy as np
```

```
s1 = "Kanwal is my name"  
s2 = "I am a data scientist"
```

### Add

```
np.char.add(s1,s2)  
  
array('Kanwal is my nameI am a data scientist', dtype='<U38')
```

### Upper

```
np.char.upper(s1)  
  
array('KANWAL IS MY NAME', dtype='<U17')
```

### Lower

```
np.char.lower(s2)  
  
array('i am a data scientist', dtype='<U21')
```

### Split

```
np.char.split(s1)  
  
array(list(['Kanwal', 'is', 'my', 'name']), dtype=object)
```

```
s3 = "Kanwal \nShehzadi is the data scientist"
```

### Splitlines

```
np.char.splitlines(s3)  
  
array(list(['Kanwal ', 'Shehzadi is the data scientist']), dtype=object)
```

### Replace

```
np.char.replace(s3,'Shehzadi','Fayyaz')  
  
array('Kanwal \nFayyaz is the data scientist', dtype='<U36')  
  
np.char.center("Good Bye",40,"*")  
  
array('*****Good Bye*****', dtype='<U40')
```

Start coding or [generate](#) with AI.

