

```
stdf = pd.DataFrame(state_data,columns=['State','PostCode','Area','Pop'])
```

```
>>> stdf
```

	State	PostCode	Area	Pop
0	Alabama	AL	52,423	4,040,587
1	Alaska	AK	656,424	550,043
2	Arizona	AZ	*	3,665,228
3	Arkansas	AR	53,182	2,350,750

```
>>> stdf['Area']
```

0	52,423
1	656,424
2	*
3	53,182

```
Name: Area, dtype: object
```

```
>>> stdf.Area
```

0	52,423
1	656,424
2	*
3	53,182

```
Name: Area, dtype: object
```

```
>>> stdf['Area'][0]
```

```
'52,423'
```

```
>>> stdf = stdf.set_index('State')
```

```
>>> stdf
```

	PostCode	Area	Pop
State			
Alabama	AL	52,423	4,040,587
Alaska	AK	656,424	550,043
Arizona	AZ	*	3,665,228
Arkansas	AR	53,182	2,350,750

```
>>> stdf = stdf.replace('*', '0')
```

```
>>> stdf
```

	PostCode	Area	Pop
State			
Alabama	AL	52,423	4,040,587
Alaska	AK	656,424	550,043
Arizona	AZ	0	3,665,228
Arkansas	AR	53,182	2,350,750

```
>>> def item_replace(xstr):
```

```
...     return xstr.replace(',','')
```

```
...
```

```
>>> stdf['Area'] = stdf['Area'].map(item_replace)
```

```
>>> stdf
```

	PostCode	Area	Pop
State			
Alabama	AL	52423	4,040,587
Alaska	AK	656424	550,043
Arizona	AZ	0	3,665,228
Arkansas	AR	53182	2,350,750

```
>>> stdf['Pop'] = stdf['Pop'].map(item_replace)
```

```
>>> stdf
```

	PostCode	Area	Pop
State			
Alabama	AL	52423	4040587

Alaska	AK	656424	550043
Arizona	AZ	0	3665228
Arkansas	AR	53182	2350750