

How To Build DataFrame

July 9, 2017

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In [1]: import pandas as pd
```

```
In [7]: cities = ['Austin', 'Dallas', 'Austin', 'Dallas']
signups = [7, 12, 3, 5]
visitors = [139, 237, 326, 456]
weekdays = ['Sun', 'Sun', 'Mon', 'Mon']

list_labels = ['city', 'signups', 'visitors', 'weekdays']
list_cols = [cities, signups, visitors, weekdays]
```

```
In [8]: zipped = list(zip(list_labels, list_cols))
```

```
In [9]: print(zipped
)
```

```
[('city', ['Austin', 'Dallas', 'Austin', 'Dallas']), ('signups', [7, 12, 3, 5]), ('visitors',
```

```
In [10]: data = dict(zipped)
users = pd.DataFrame(data)
```

```
In [11]: users
```

```
Out[11]:
```

	city	signups	visitors	weekdays
0	Austin	7	139	Sun
1	Dallas	12	237	Sun
2	Austin	3	326	Mon
3	Dallas	5	456	Mon

```
In [ ]:
```