pandas_melt_tutorial

January 15, 2020

#

Reshape pandas dataframe using melt

```python
import pandas as pd
df = pd.read_csv("weather.csv")
df
```

[2]:
```
         day  chicago  chennai  berlin
0      Monday       32       75      41
1     Tuesday       30       77      43
2   Wednesday       28       75      45
3    Thursday       22       82      38
4      Friday       30       83      30
5    Saturday       20       81      45
6      Sunday       25       77      47
```

[3]:
```python
melted = pd.melt(df, id_vars=["day"], var_name='city', value_name='temperature')
melted
```

[3]:
```
          day     city  temperature
0      Monday  chicago           32
1     Tuesday  chicago           30
2   Wednesday  chicago           28
3    Thursday  chicago           22
4      Friday  chicago           30
5    Saturday  chicago           20
6      Sunday  chicago           25
7      Monday  chennai           75
8     Tuesday  chennai           77
9   Wednesday  chennai           75
10   Thursday  chennai           82
11     Friday  chennai           83
12   Saturday  chennai           81
13     Sunday  chennai           77
14     Monday   berlin           41
15    Tuesday   berlin           43
16  Wednesday   berlin           45
```

1

```
17    Thursday    berlin         38
18      Friday    berlin         30
19    Saturday    berlin         45
20      Sunday    berlin         47
```