

# Problem 2890: Reshape Data: Melt

## Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 86.09%

Paid Only: No

## Problem Description

DataFrame report +-----+-----+ | Column Name | Type | +-----+-----+ | product |  
object | | quarter\_1 | int | | quarter\_2 | int | | quarter\_3 | int | | quarter\_4 | int |  
+-----+-----+

Write a solution to **reshape** the data so that each row represents sales data for a product in a specific quarter.

The result format is in the following example.

**Example 1:**

**Input:** +-----+-----+-----+-----+-----+ | product | quarter\_1 | quarter\_2 |  
| quarter\_3 | quarter\_4 | +-----+-----+-----+-----+ | Umbrella | 417 |  
224 | 379 | 611 | | SleepingBag | 800 | 936 | 93 | 875 |  
+-----+-----+-----+-----+ **Output:** +-----+-----+-----+ |  
product | quarter | sales | +-----+-----+-----+ | Umbrella | quarter\_1 | 417 | |  
SleepingBag | quarter\_1 | 800 | | Umbrella | quarter\_2 | 224 | | SleepingBag | quarter\_2 | 936 |  
| Umbrella | quarter\_3 | 379 | | SleepingBag | quarter\_3 | 93 | | Umbrella | quarter\_4 | 611 | |  
SleepingBag | quarter\_4 | 875 | +-----+-----+-----+ **Explanation:** The DataFrame  
is reshaped from wide to long format. Each row represents the sales of a product in a quarter.

## Code Snippets

**Pandas:**

```
import pandas as pd
```

```
def meltTable(report: pd.DataFrame) -> pd.DataFrame:
```