

2890. Reshape Data Melt

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.

