

Problem 2889: Reshape Data: Pivot

Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 83.36%

Paid Only: No

Problem Description

DataFrame weather +-----+-----+ | Column Name | Type | +-----+-----+ | city |
object | | month | object | | temperature | int | +-----+-----+

Write a solution to ****pivot**** the data so that each row represents temperatures for a specific month, and each city is a separate column.

The result format is in the following example.

****Example 1:**** ****Input:**** +-----+-----+-----+ | city | month | temperature |
+-----+-----+-----+ | Jacksonville | January | 13 | | Jacksonville | February | 23 |
| Jacksonville | March | 38 | | Jacksonville | April | 5 | | Jacksonville | May | 34 | | ElPaso |
January | 20 | | ElPaso | February | 6 | | ElPaso | March | 26 | | ElPaso | April | 2 | | ElPaso |
May | 43 | +-----+-----+-----+ ****Output:**** +-----+-----+-----+ | month |
| ElPaso | Jacksonville | +-----+-----+-----+ | April | 2 | 5 | | February | 6 | 23 | |
January | 20 | 13 | | March | 26 | 38 | | May | 43 | 34 | +-----+-----+-----+
****Explanation:**** The table is pivoted, each column represents a city, and each row represents a specific month.

Code Snippets

Pandas:

```
import pandas as pd

def pivotTable(weather: pd.DataFrame) -> pd.DataFrame:
```