

8. Write a Pandas program to create a Pivot table and find the item wise unit sold. .(refer sales_data table)

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8.py - C:/Users/keert/AppData/Local/Programs/Python/Python311/query processing new/8.py (3.11.4)
File Edit Format Run Options Window Help
import pandas as pd

# Sample sales data
data = {
    'OrderID': [1, 2, 3, 4, 5, 6],
    'Item': ['Apple', 'Banana', 'Apple', 'Banana', 'Apple', 'Orange'],
    'UnitsSold': [10, 5, 6, 7, 8, 3]
}

# Creating the DataFrame
sales_data = pd.DataFrame(data)

# Displaying the sales data
print("Sales Data:\n", sales_data)

# Creating the Pivot table
pivot_table = sales_data.pivot_table(values='UnitsSold', index='Item', aggfunc='sum')

# Displaying the Pivot table
print("\nPivot Table - Item wise units sold:\n", pivot_table)
```

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IDLE Shell 3.11.4
File Edit Shell Debug Options Window Help
Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> = RESTART: C:/Users/keert/AppData/Local/Programs/Python/Python311/query processing new/8.py
Sales Data:
  OrderID  Item  UnitsSold
0        1  Apple         10
1        2  Banana         5
2        3  Apple         6
3        4  Banana         7
4        5  Apple         8
5        6  Orange         3

Pivot Table - Item wise units sold:
Item
Apple    24
Banana   12
Orange    3
>>>
```