

在思考測試問題時可以使用的 erp_id 跟 orderno

	customer	orderno	Features	Folder Loc.
	=====備註=====			
0	T54274625	IDR24C0243	不同的 part us_amt、qty 會存在 0.0 的資料	Data/testing1 + testing3
1	T52347361	ATW0006452	不同的 pd	Data/testing2 + testing4
2	T58506816	ATW0001211	只有一筆資料	
3	T20939460	ATW0001090	不同的 part	
4	T53757193	TW0148548	同時存在不同的 pd 與 part	
5	T23161576	TW0146001		
6	T23161576	TW0146001		
7	T23161576	TW0146001		
8	T23161576	TW0146001		
9	T23161576	TW0146001		

```

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- User Query : 想看T54274625在IDR24C0243訂單的每個料號系列各買了多少錢，及購買總金額
- Filter : erp_id、po_no、part_series、購買總金額
- Processing Check : ☒ / Processing Check : ☐

-```markdown
# Denodo 透過 SQL Query 抓取的資料
-```

-```markdown
# DataFrame 分析完產出的結果
-```

```

測試問題與對應資料維度

- User Query : 想看T54274625在IDR24C0243訂單的每個料號系列各買了多少錢，及購買總金額
- Filter : erp_id、po_no、part_series、購買總金額
- Processing Check : ☒

```


# Denodo 透過 SQL Query 抓取的資料
ymd,erp_id,customername,po_no,part,part_series,pd,us_amt,qty
2025-01-02,T54274625,LightMed Dental Technology corp. : 鐳鼎科技股份有限公司,
IDR24C0243,AGS-OW-FS,AGS,SVCB,7.66,0.0
2025-01-02,T54274625,LightMed Dental Technology corp. : 鐳鼎科技股份有限公司,
IDR24C0243,AGS-OW-SS,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp. : 鐳鼎科技股份有限公司,
IDR24C0243,AGS-PU-PC,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp. : 鐳鼎科技股份有限公司,
IDR24C0243,AGS-NPF-PC,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp. : 鐳鼎科技股份有限公司

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司, IDR24C0243, AGS-OW-LS, AGS, SVCB, 42.9, 0.0
 2025-01-02, T54274625, LightMed Dental Technology corp. : 鐳鼎科技股份有限公司
 司, IDR24C0243, AGS-OW-MS, AGS, SVCB, 0.21, 0.0

DataFrame 分析完產出的結果

Part Series, US Amount, Total Purchase Amount
 AGS, 50.769999999999996, 50.77

- User Query : 想看T52347361在ATW0006452訂單的每個pd各買了多少錢・及購買總金額
- Filter : erp_id、po_no、part_series、購買總金額
- Processing Check : **✗** Dataframe 使用錯誤的 python code `df.append` 新增額外產生的欄位(total purchase amount)
 -  在 `customer_order_prompt` 419-434 新增 Example 2
 - ☒ 測試同樣需要 concat 的問題・問題已解決

Denodo 透過 SQL Query 抓取的資料

```
ymd,erp_id,customername,po_no,part,part_series,pd,us_amt,qty
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-A,AGS,CTOS,22.89,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96MPI5A-3.0-18M17,96MPI5A,Socket CPU,189.0,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96PSA-A230W24P4-3,96PSA,Industrial Power Supply,39.43,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,PPC-315W-TGL-BT0,PPC,Panel PC,0.0,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,PPC-315W-PB50A,PPC,Panel PC,3549.17,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,1702002600,1702002600,UNO,7.59,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,20704WX1VS0013,20704WX1VS0013,Panel PC,203.41,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-A,AGS,CTOS,68.68,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AQD-SD4U8GN32-SE,AQD,System Core,65.48,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQF-C8MV2-128GDEDC,SQF,Industrial Storage,77.84,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96PSA-A120W24T2-4,96PSA,Industrial Power Supply,57.7,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,ARK-3534B-BT0,ARK,EBC,0.0,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,ARK-3534B-00A1,ARK,EBC,706.46,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQR-SD5N16G4K8SNBB,SQR,Industrial Storage,61.06,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQF-S25V1-256GSDC,SQF,Industrial Storage,36.85,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQF-S25V1-256GSDC,SQF,Industrial Storage,36.85,1.0
```

司,ATW0006452,1702002600,1702002600,UNO,2.52,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司
司,ATW0006452,20706WLV1S0017,20706WLV1S0017,SW Distribution,71.34,1.0

DataFrame 分析完產出的結果

PD,US Amount
CTOS,91.57000000000001
EBC,706.46
Industrial Power Supply,97.13
Industrial Storage,175.75
Panel PC,3752.58
SW Distribution,71.34
Socket CPU,189.0
System Core,65.48
UNO,10.11
Total,5159.42

- User Query：想看T54274625在IDR24C0243訂單中，購買金額為0的 part
- Filter：erp_id、po_no、part、購買金額
- Processing Check：☒

Denodo 透過 SQL Query 抓取的資料

ymd,erp_id,customername,po_no,part,part_series,pd,us_amt,qty
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-OW-FS,AGS,SVCB,7.66,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-OW-SS,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-PU-PC,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-NPF-PC,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-OW-LS,AGS,SVCB,42.9,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-OW-MS,AGS,SVCB,0.21,0.0

DataFrame 分析完產出的結果

Date,ERP ID,Customer Name,PO No,Part,Part Series,PD,US Amount,Qty
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-OW-SS,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-PU-PC,AGS,SVCB,0.0,0.0
2025-01-02,T54274625,LightMed Dental Technology corp.：鐳鼎科技股份有限公司, IDR24C0243,AGS-NPF-PC,AGS,SVCB,0.0,0.0

- User Query : 想看T52347361在ATW0006452訂單的購買單價大於20的pd
- Filter : erp_id、po_no、pd、購買單價
- Processing Check : ☒

Denodo 透過 SQL Query 抓取的資料

```
ymd,erp_id,customername,po_no,part,part_series,pd,us_amt,qty
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-
A,AGS,CTOS,22.89,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96MPI5A-3.0-
18M17,96MPI5A,Socket CPU,189.0,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96PSA-A230W24P4-
3,96PSA,Industrial Power Supply,39.43,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AQD-SD4U8GN32-SE,AQD,System
Core,65.48,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQF-C8MV2-
128GDEDC,SQF,Industrial Storage,77.84,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96PSA-A120W24T2-
4,96PSA,Industrial Power Supply,57.7,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,ARK-3534B-
BTO,ARK,EBC,0.0,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,ARK-3534B-
00A1,ARK,EBC,706.46,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQR-
SD5N16G4K8SNBB,SQR,Industrial Storage,61.06,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,SQF-S25V1-
256GSDSC,SQF,Industrial Storage,36.85,1.0
2025-03-10,T52347361,喬山健康科技股份有限公
司,ATW0006452,1702002600,1702002600,UNO,2.52,1.0
2025-03-10,T52347361,喬山健康科技股份有限公
司,ATW0006452,20706WLV1S0017,20706WLV1S0017,SW Distribution,71.34,1.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,PPC-315W-TGL-BTO,PPC,Panel
PC,0.0,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,PPC-315W-PB50A,PPC,Panel
PC,3549.17,3.0
2025-03-10,T52347361,喬山健康科技股份有限公
司,ATW0006452,1702002600,1702002600,UNO,7.59,3.0
2025-03-10,T52347361,喬山健康科技股份有限公
司,ATW0006452,20704WX1VS0013,20704WX1VS0013,Panel PC,203.41,3.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-
A,AGS,CTOS,68.68,3.0
```

DataFrame 分析完產出的結果

```
Date,ERP ID,Customer Name,PO No,Part,Part Series,PD,US Amount,Qty,Unit Price
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-
A,AGS,CTOS,22.89,1.0,22.89
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96MPI5A-3.0-
18M17,96MPI5A,Socket CPU,189.0,1.0,189.0
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,96PSA-A230W24P4-
3,96PSA,Industrial Power Supply,39.43,1.0,39.43
2025-03-10,T52347361,喬山健康科技股份有限公司,ATW0006452,AQD-SD4U8GN32-SE,AQD,System
```

Core,65.48,3.0,21.826666666666668
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,SQF-C8MV2-
128GDEDC,SQF,Industrial Storage,77.84,3.0,25.946666666666667
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,ARK-3534B-
00A1,ARK,EBC,706.46,1.0,706.46
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,SQR-
SD5N16G4K8SNBB,SQR,Industrial Storage,61.06,1.0,61.06
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,SQF-S25V1-
256GSDC,SQF,Industrial Storage,36.85,1.0,36.85
2025-03-10,T52347361, 喬山健康科技股份有限公
司,ATW0006452,20706WLV1S0017,20706WLV1S0017,SW Distribution,71.34,1.0,71.34
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,PPC-315W-PB50A,PPC,Panel
PC,3549.17,3.0,1183.0566666666666
2025-03-10,T52347361, 喬山健康科技股份有限公
司,ATW0006452,20704WX1VS0013,20704WX1VS0013,Panel PC,203.41,3.0,67.80333333333333
2025-03-10,T52347361, 喬山健康科技股份有限公司,ATW0006452,AGS-CTOS-SYS-
A,AGS,CTOS,68.68,3.0,22.893333333333334