

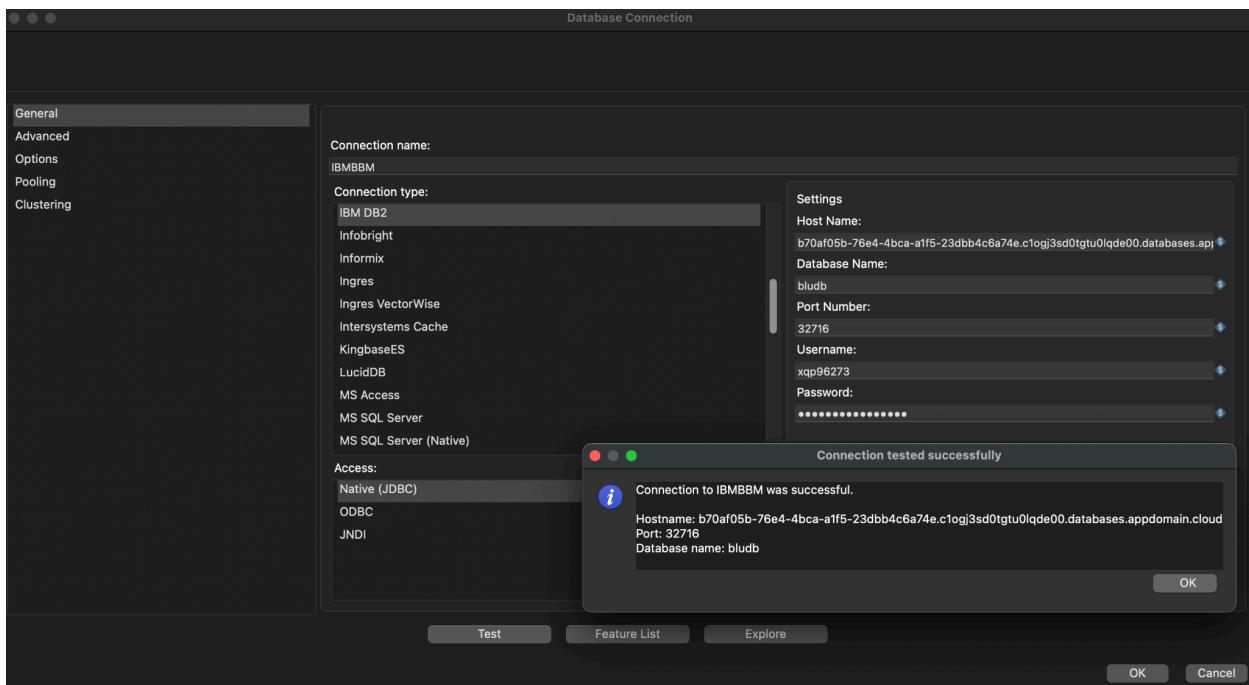
NEW ERA UNIVERSITY
JUNE 12, 2024

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3BSCS1

Professional Elective 4

Lab Assignment 4: Upload your PDF PDI Transformation for Database

Output:





Access_Input_Edroso_Harbey Filter rows1_Edroso_Harbey

Rows of step: Access_Input_Edroso_Harbey (16 rows)

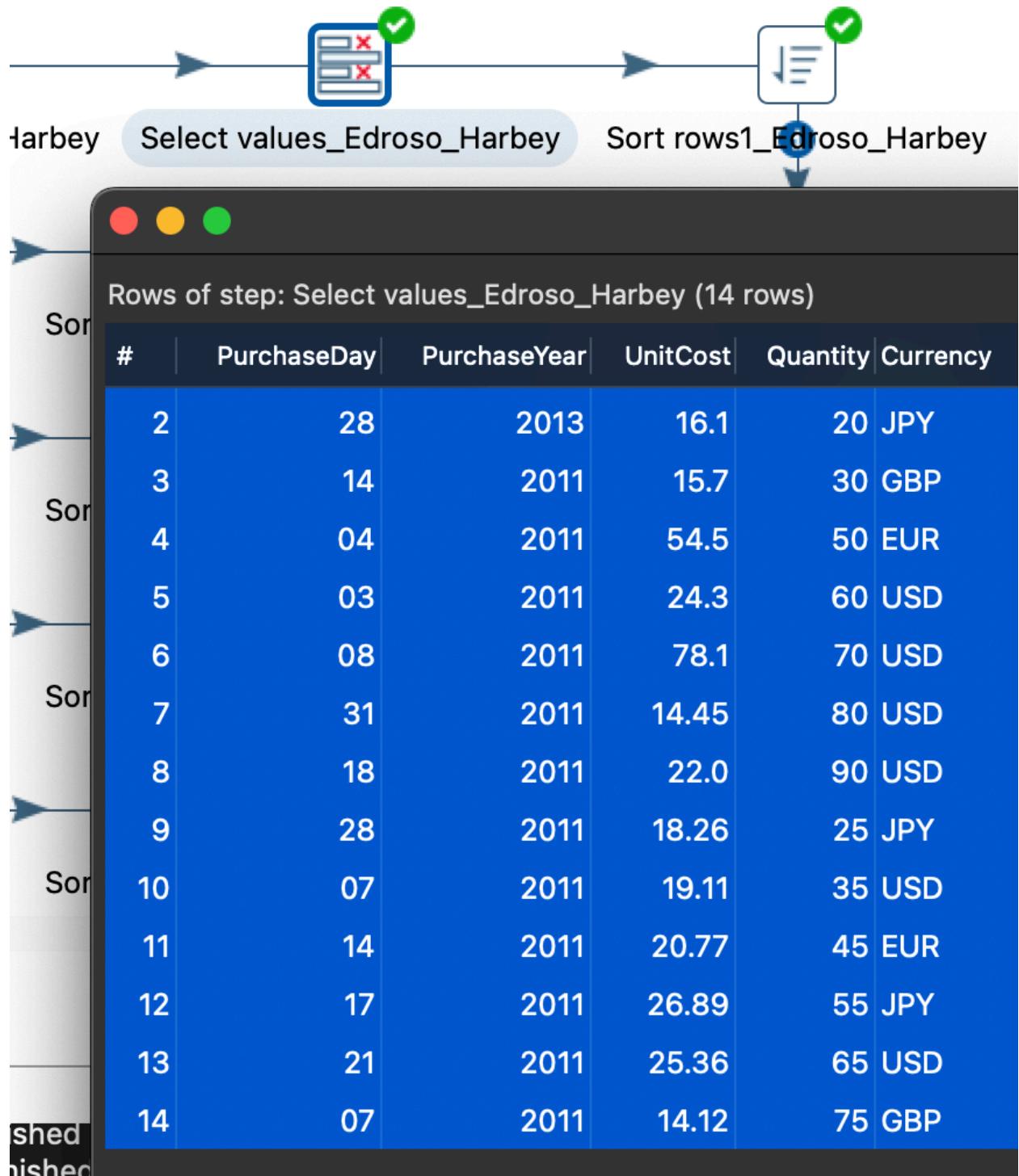
#	PurchaseDay	PurchaseYear	UnitCost	Quantity	Curre
4	21	2011	25.6	40	EUR
5	04	2011	54.5	50	EUR
6	03	2011	24.3	60	USD
7	08	2011	78.1	70	USD
8	31	2011	14.45	80	USD
9	18	2011	22.0	90	USD
10	11	2011	12.56	12	JPY
11	28	2011	18.26	25	JPY
12	07	2011	19.11	35	USD
13	14	2011	20.77	45	EUR
14	17	2011	26.89	55	JPY
15	21	2011	25.36	65	USD
16	07	2011	14.12	75	GBP

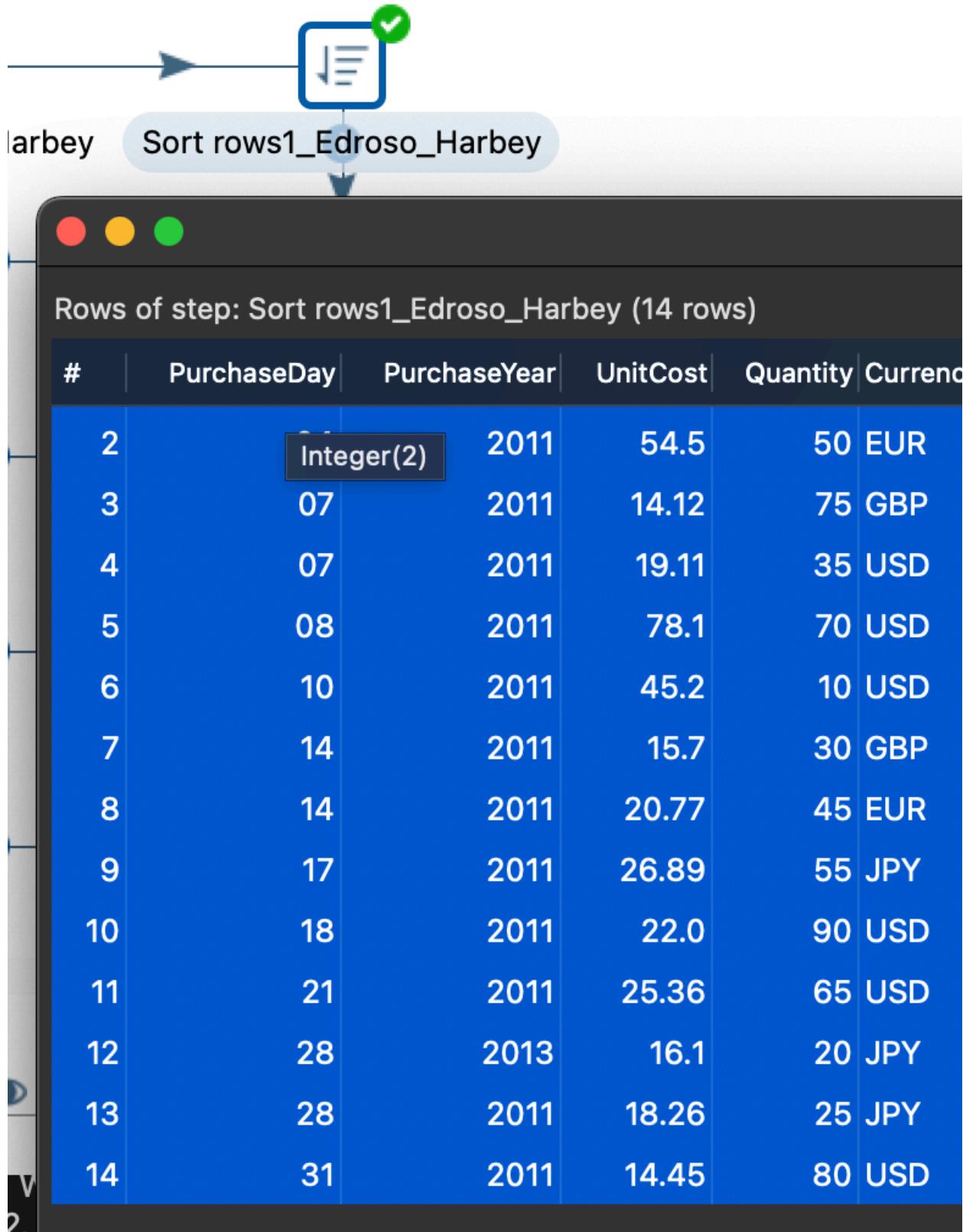
The image shows a data flow diagram with two main components. The first component is a blue icon representing a filter, with a green checkmark in a circle above it. The second component is a blue icon representing a select operation, with a green checkmark in a circle above it. Arrows connect these icons to a central area containing a table.

Filter rows1_Edroso_Harbey Select values_Edroso_Harbey

Rows of step: Filter rows1_Edroso_Harbey (14 rows)

#	PurchaseDay	PurchaseYear	UnitCost	Quantity
2	28	2013	16.1	20 Integer
3	14	2011	15.7	30
4	04	2011	54.5	50
5	03	2011	24.3	60
6	08	2011	78.1	70
7	31	2011	14.45	80
8	18	2011	22.0	90
9	28	2011	18.26	25
10	07	2011	19.11	35
11	14	2011	20.77	45
12	17	2011	26.89	55
13	21	2011	25.36	65
14	07	2011	14.12	75







Date_Dim_Edroso_Harbey



Sort rows2_Ed

Rows of step: Date_Dim_Edroso_Harbey (104 rows)

#	DATEKEY	DATEJULIAN	CALDAY	CALMONTH	CALYEAR
92	80	2012191	Integer(9)	7	2012
93	81	2012198	16	7	2012
94	82	2012205	23	7	2012
95	83	2012212	30	7	2012
96	84	2012219	6	8	2012
97	85	2012226	13	8	2012
98	86	2012233	20	8	2012
99	87	2012240	27	8	2012
100	88	2012247	3	9	2012
101	89	2012254	10	9	2012
102	90	2012261	17	9	2012
103	91	2012268	24	9	2012
104	92	2012275	1	10	2012

The screenshot shows a data preview window for a step named "Sort rows2_Edroso_Harbey". The window has a title bar with three colored circles (red, yellow, green) and a status bar at the bottom. The main area displays the results of the sort operation.

Rows of step: Sort rows2_Edroso_Harbey (104 rows)

#	DATEKEY	DATEJULIAN	CALDAY	CALMONTH	CALYEAR
92	87	2012240	27	8	2012
93	9	2011059	28	2	2011
94	13	2011087	28	3	2011
95	74	2012149	28	5	2012
96	48	2011332	28	11	2011
97	35	2011241	29	8	2011
98	96	2012303	29	10	2012
99	57	2012030	30	1	2012
100	70	2012121	30	4	2012
101	22	2011150	30	5	2011
102	83	2012212	30	7	2012
103	5	2011031	31	1	2011
104	44	2011304	31	10	2011

o_Harbey

Sort rows3_Edroso_Harbey

Rows of step: Sort rows3_Edroso_Harbey (12 rows)

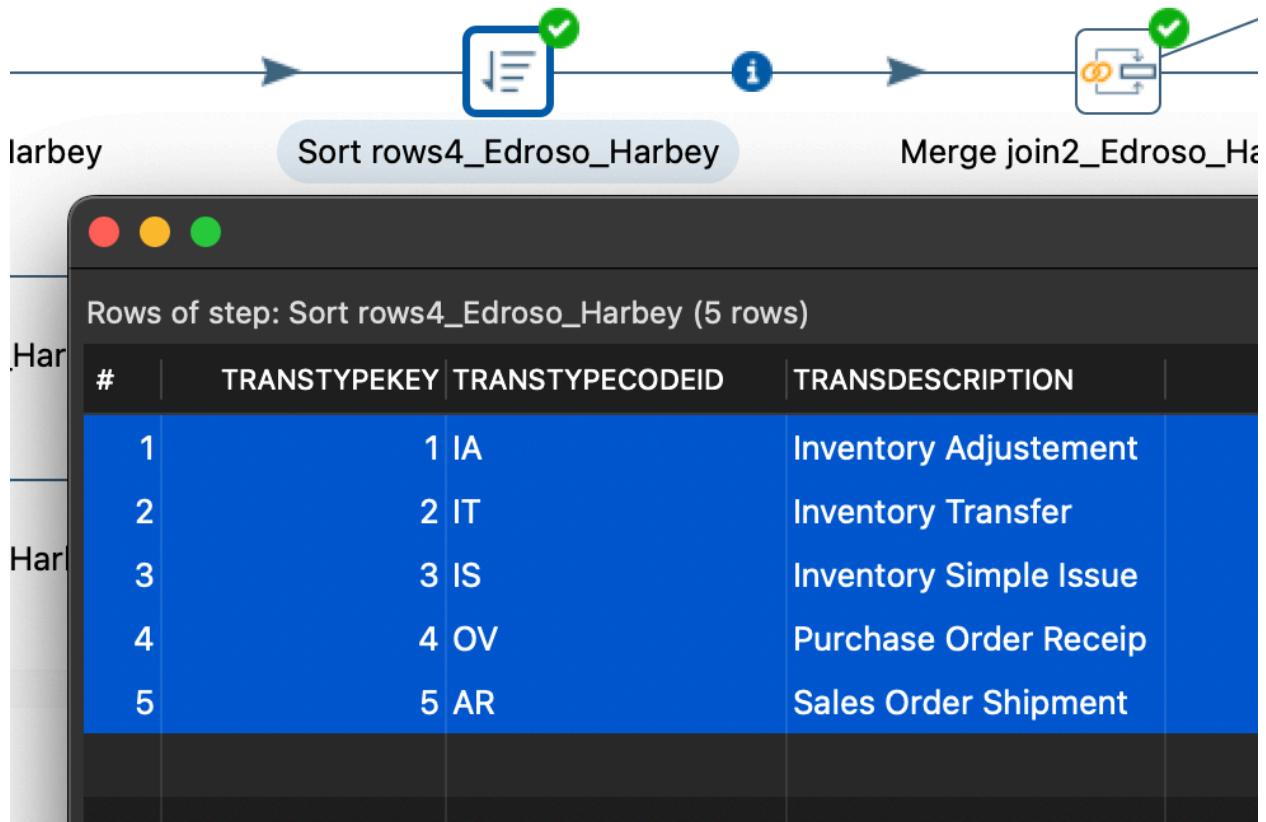
#	PurchaseDay	PurchaseYear	UnitCost	Quantity
1	03	2011	24.3	60
2	07	2011	19.11	35
3	10	2011	45.2	10
4	14	2011	20.77	45
5	18	2011	22.0	90
6	28	2011	18.26	25
7	31	2011	14.45	80
8	04	2011	54.5	50
9	07	2011	14.12	75
10	14	2011	15.7	30
11	17	2011	26.89	55
12	21	2011	25.36	65

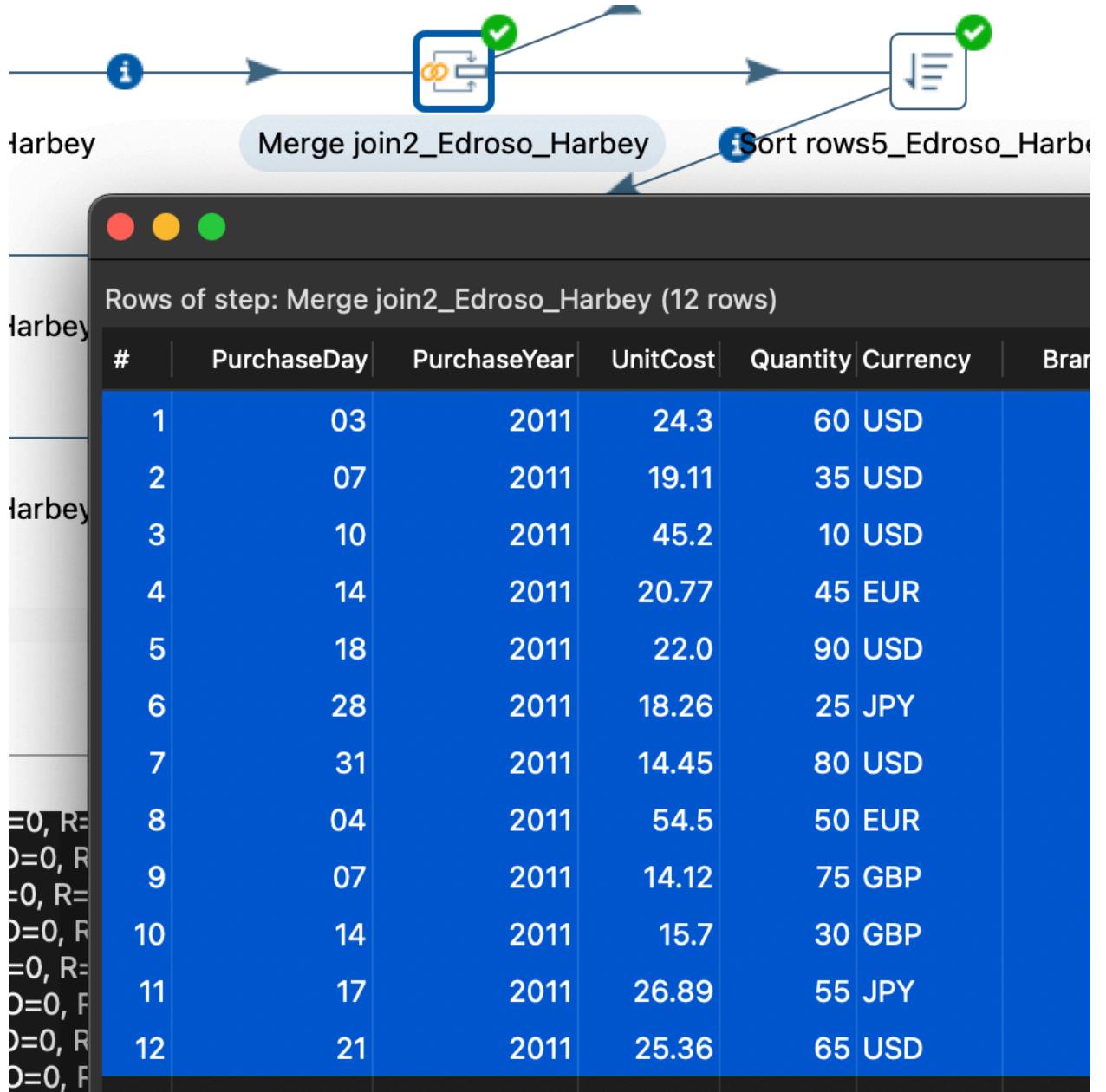
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graph LR; A[TransType_Dim_Edroso_Harbey] --> B[Sort rows4_Edroso_Harbey]
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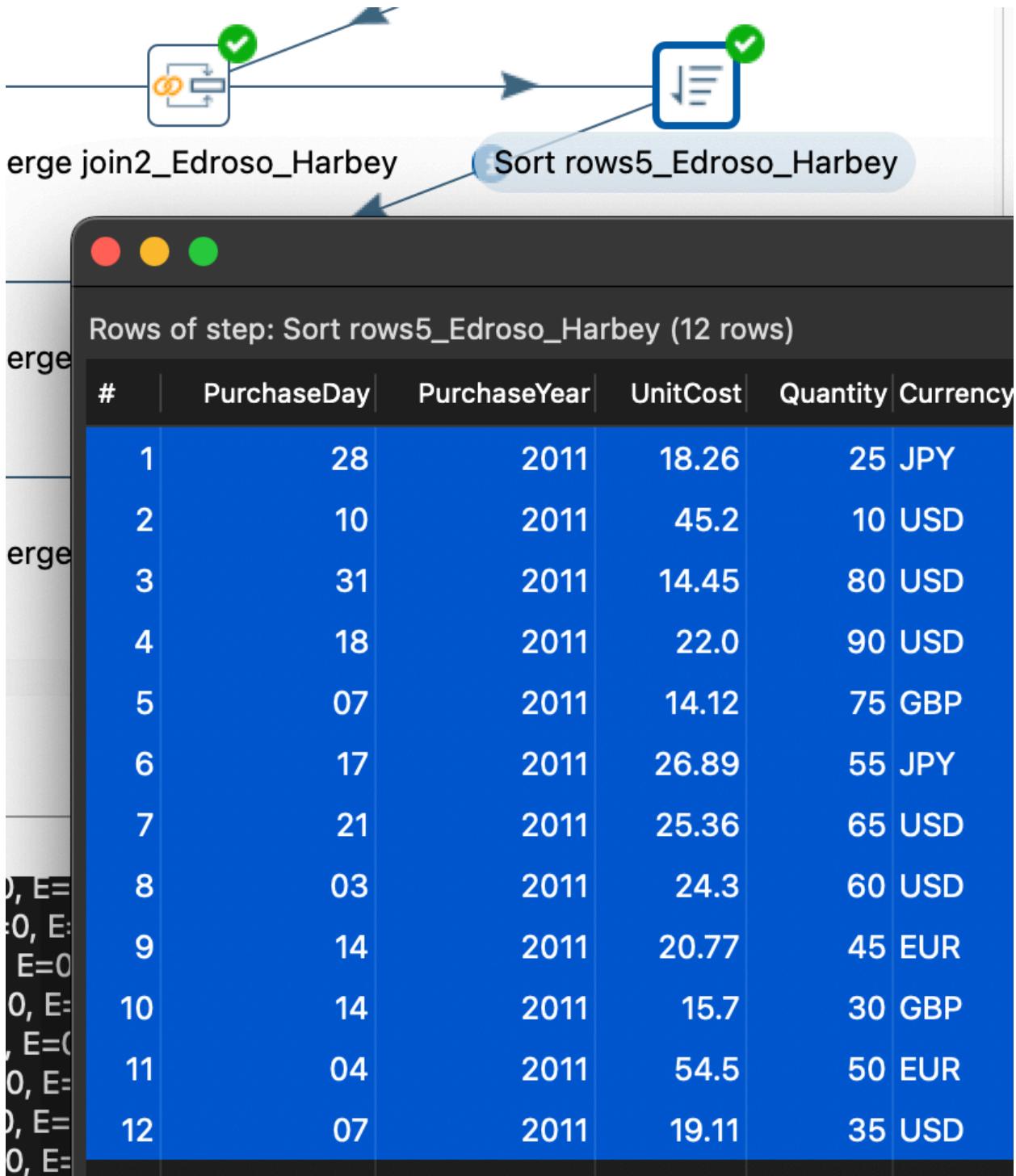
TransType_Dim_Edroso_Harbey Sort rows4_Edroso_Harbey

Rows of step: TransType_Dim_Edroso_Harbey (5 rows)

#	TRANSTYPEKEY	TRANSTYPECODEID	TRANSDESCRIPTION
1		1 IA	Inventory Adjustement
2		2 IT	Inventory Transfer
3		3 IS	Inventory Simple Issue
4		4 OV	Purchase Order Receipt
5		5 AR	Sales Order Shipment









Customer_Vendor_Edroso_Harbey

Sort ↴



Rows of step: Customer_Vendor_Edroso_Harbey (20 rows)

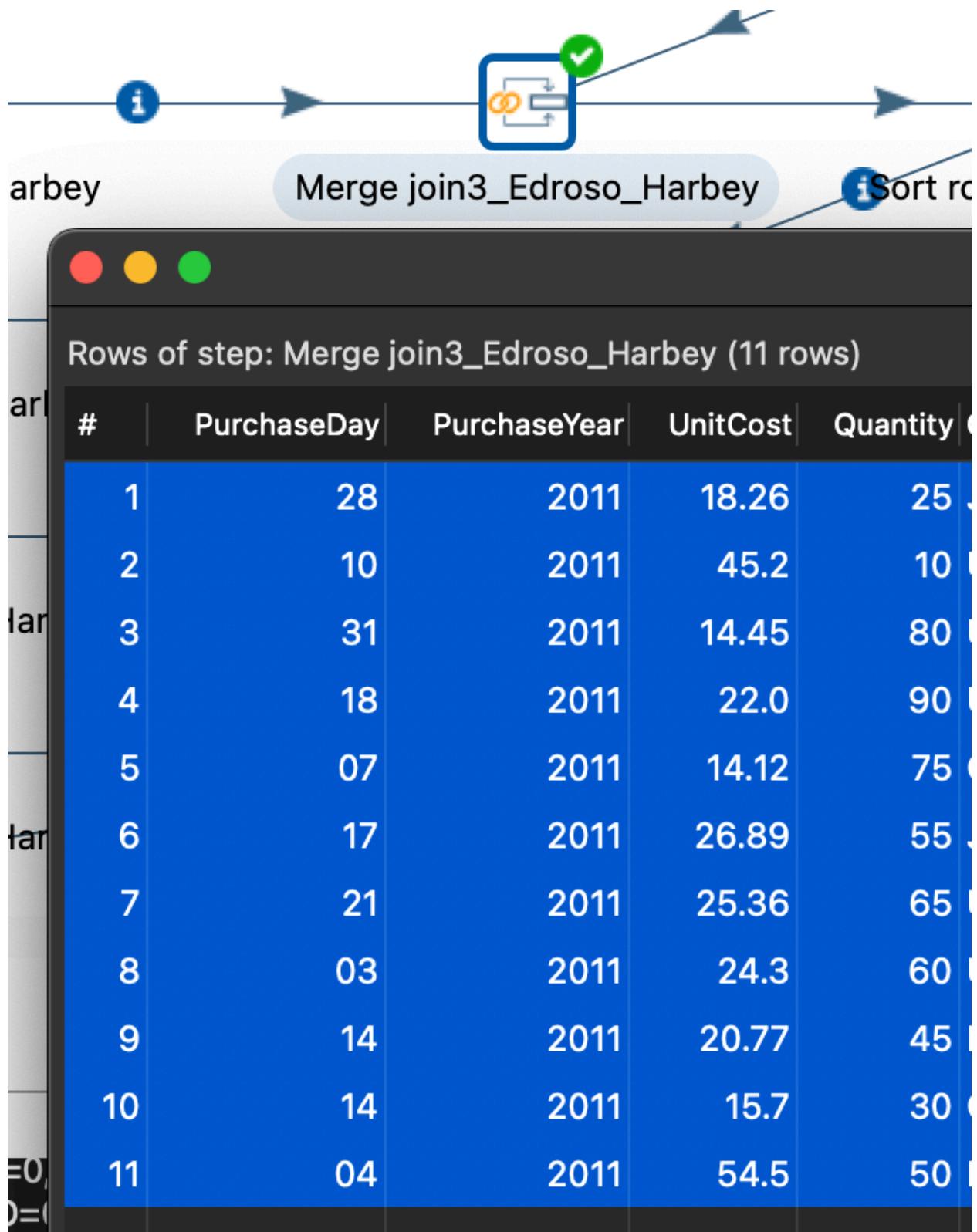
#	CUSTVENDORKEY	ADDRBOOKID	NAME	AD
8		8	Customer 8	59
9		9	Customer 9	23
10		10	Customer 10	66
11		11	Customer 11	94
12		12	Customer 12	31
13		13	Customer 13	13
14		14	Customer 14	69
15		15	Customer 15	86
16		16	Customer 16	36
17		17	Customer 17	72
18		18	Customer 18	18
19		19	Customer 19	14
20		20	Customer 20	115

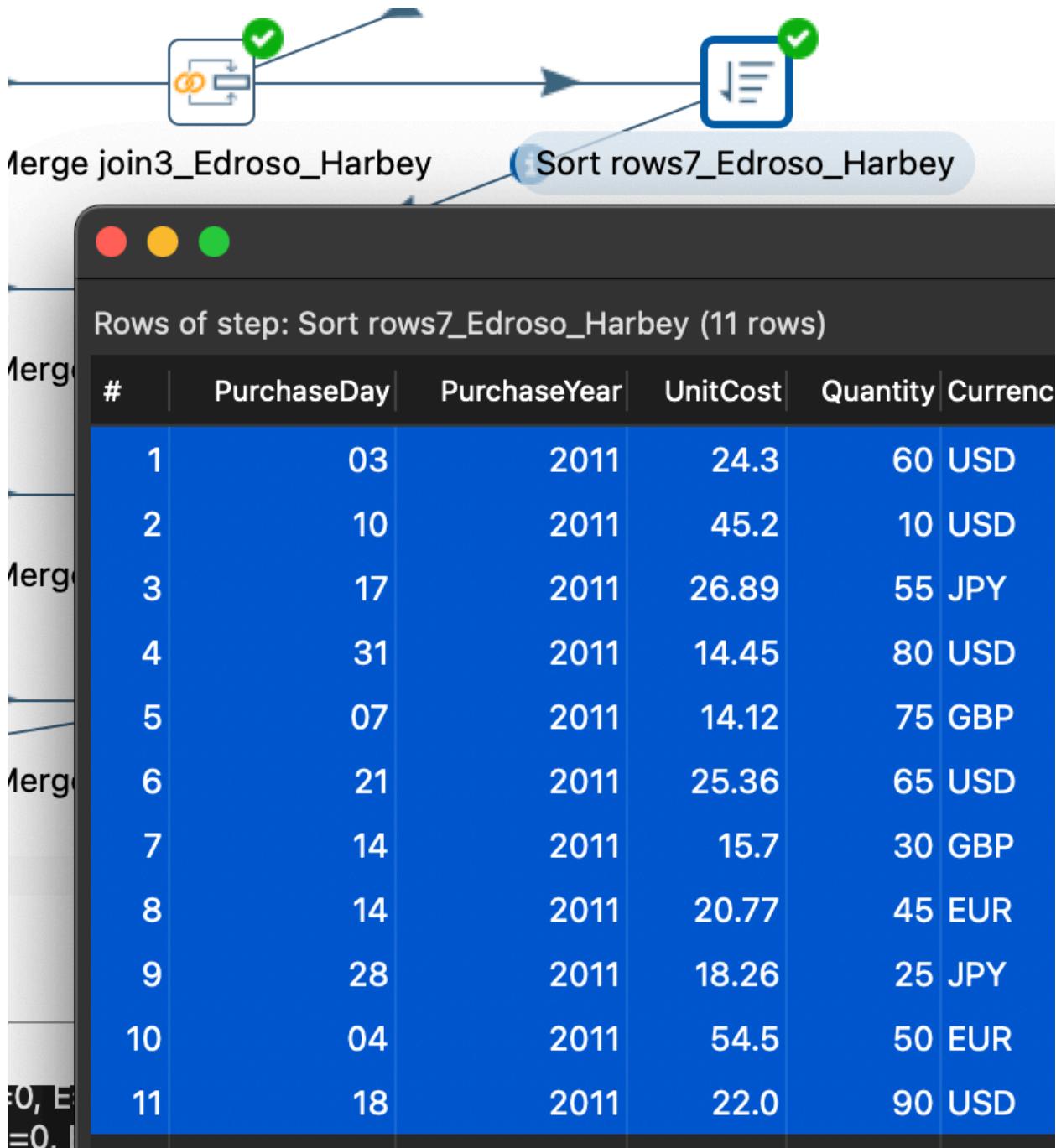


rbey Sort rows6_Edroso_Harbey Merge

Rows of step: Sort rows6_Edroso_Harbey (20 rows)

#	CUSTVENDORKEY	ADDRBOOKID	NAME	AD
8		8	Customer 8	59
9		9	Customer 9	23
10		10	Customer 10	66
11		11	Customer 11	94
12		12	Customer 12	31
13		13	Customer 13	131
14		14	Customer 14	69
15		15	Customer 15	86
16		16	Customer 16	36
17		17	Customer 17	728
18		18	Customer 18	187
19		19	Customer 19	144
20		20	Customer 20	115







Item_Master_Dim_Edroso_Harbey



Sort rows8_Edroso_Harbey

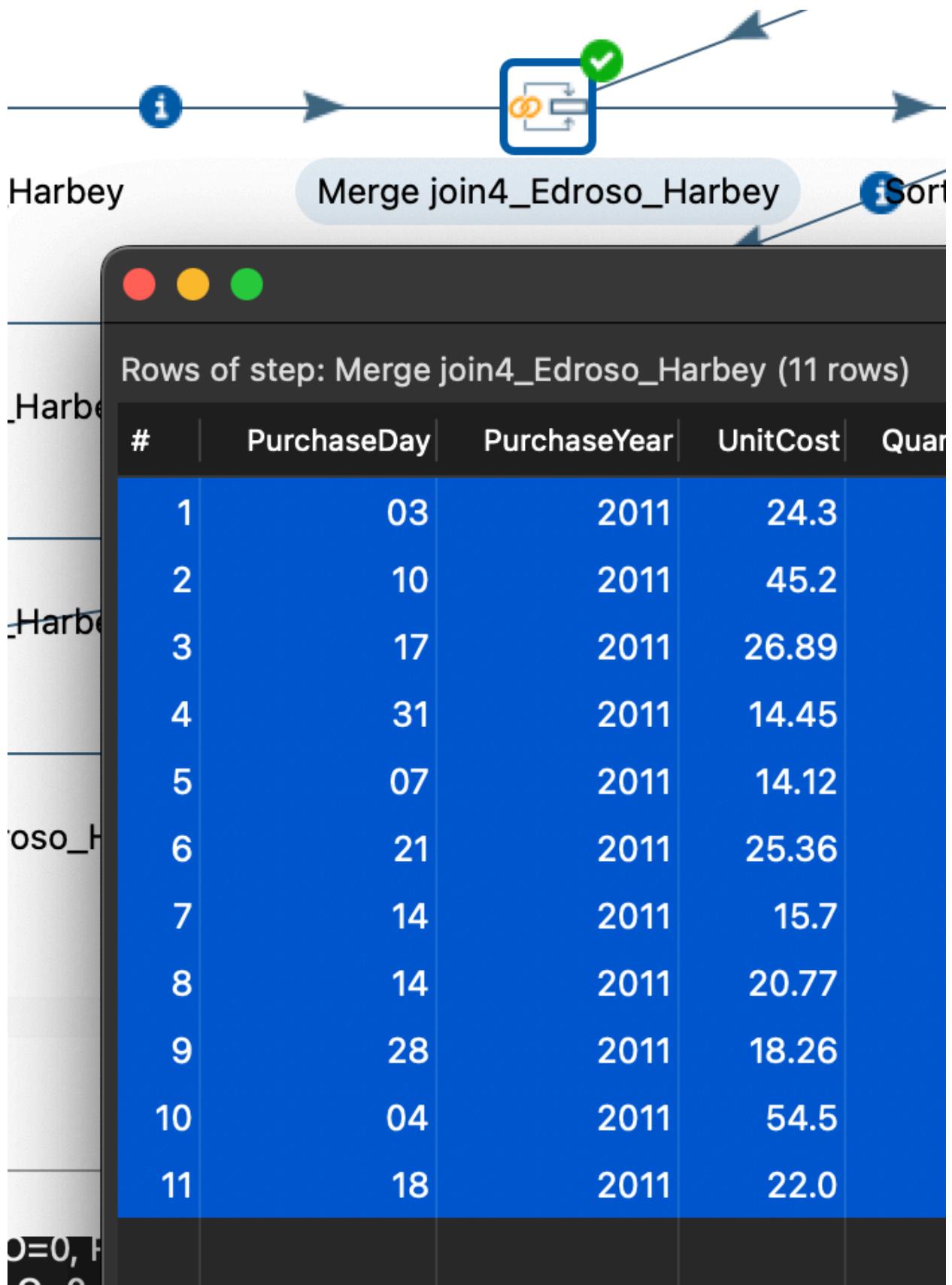
Rows of step: Item_Master_Dim_Edroso_Harbey (20 rows)

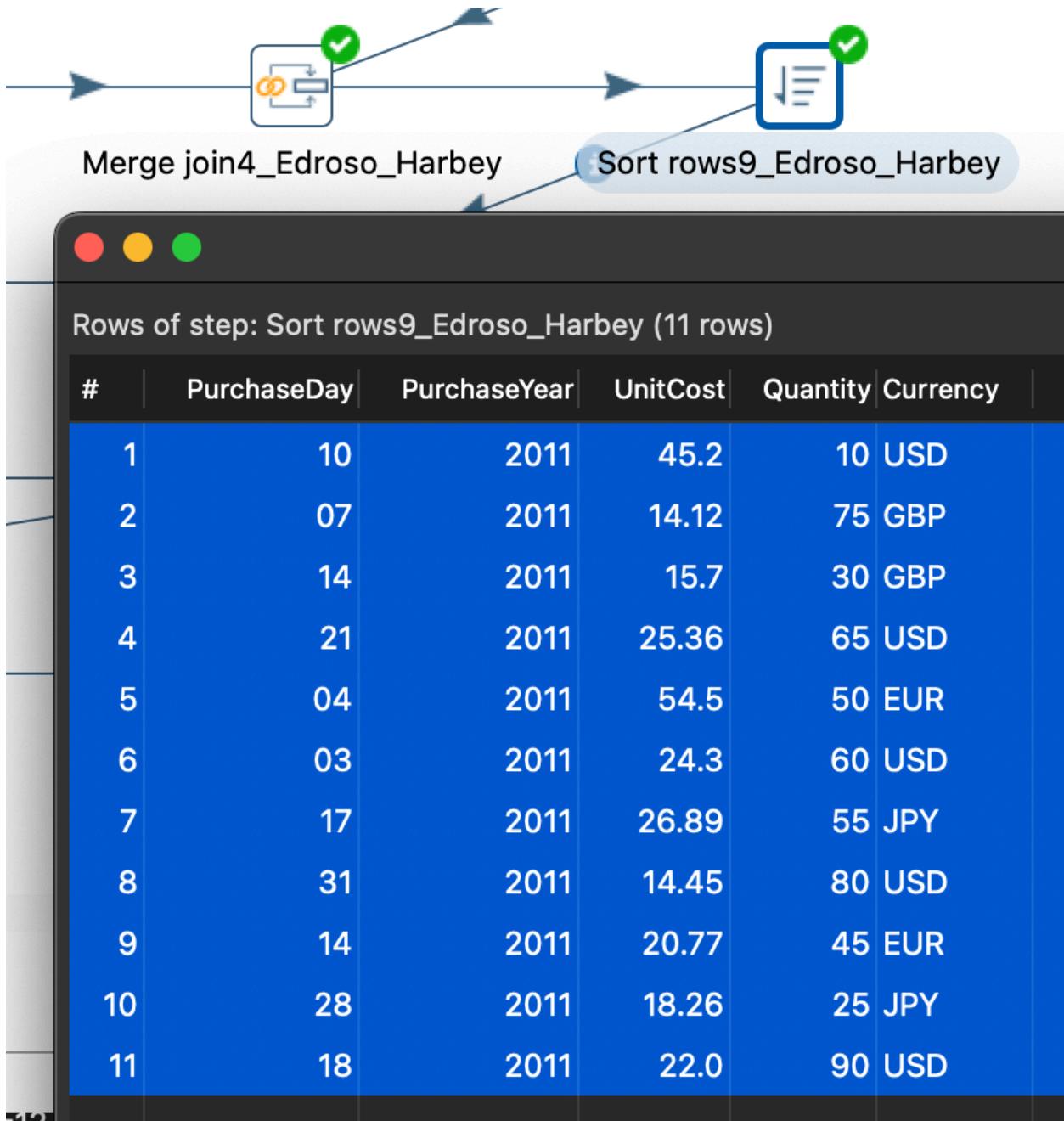
#	ITEMMASTERKEY	SHORTITEMID	SECONDITEMID	THIRDITEMID	ITEMNAME
8	8		8 Second Part 8	Thrid Part 8	
9	9		9 Second Part 9	Thrid Part 9	
10	10		10 Second Part 10	Thrid Part 10	
11	11		11 Second Part 11	Thrid Part 11	
12	12		12 Second Part 12	Thrid Part 12	
13	13		13 Second Part 13	Thrid Part 13	
14	14		14 Second Part 14	Thrid Part 14	
15	15		15 Second Part 15	Thrid Part 15	
16	16		16 Second Part 16	Thrid Part 16	
17	17		17 Second Part 17	Thrid Part 17	
18	18		18 Second Part 18	Thrid Part 18	
19	19		19 Second Part 19	Thrid Part 19	
20	20		20 Second Part 20	Thrid Part 20	

The screenshot shows a data processing pipeline with three main components: 'Harbey' (input), 'Sort rows8_Edroso_Harbey' (the current step), and 'Merge' (output). The 'Sort rows8_Edroso_Harbey' step is highlighted with a blue border and a green checkmark icon above it. A tooltip for this step displays the table data below.

Rows of step: Sort rows8_Edroso_Harbey (20 rows)

#	ITEMMASTERKEY	SHORTITEMID	SECONDITEMID
8		8	8 Second Part 8
9		9	9 Second Part 9
10		10	10 Second Part 10
11		11	11 Second Part 11
12		12	12 Second Part 12
13		13	13 Second Part 13
14		14	14 Second Part 14
15		15	15 Second Part 15
16		16	16 Second Part 16
17		17	17 Second Part 17
18		18	18 Second Part 18
19		19	19 Second Part 19
20		20	20 Second Part 20







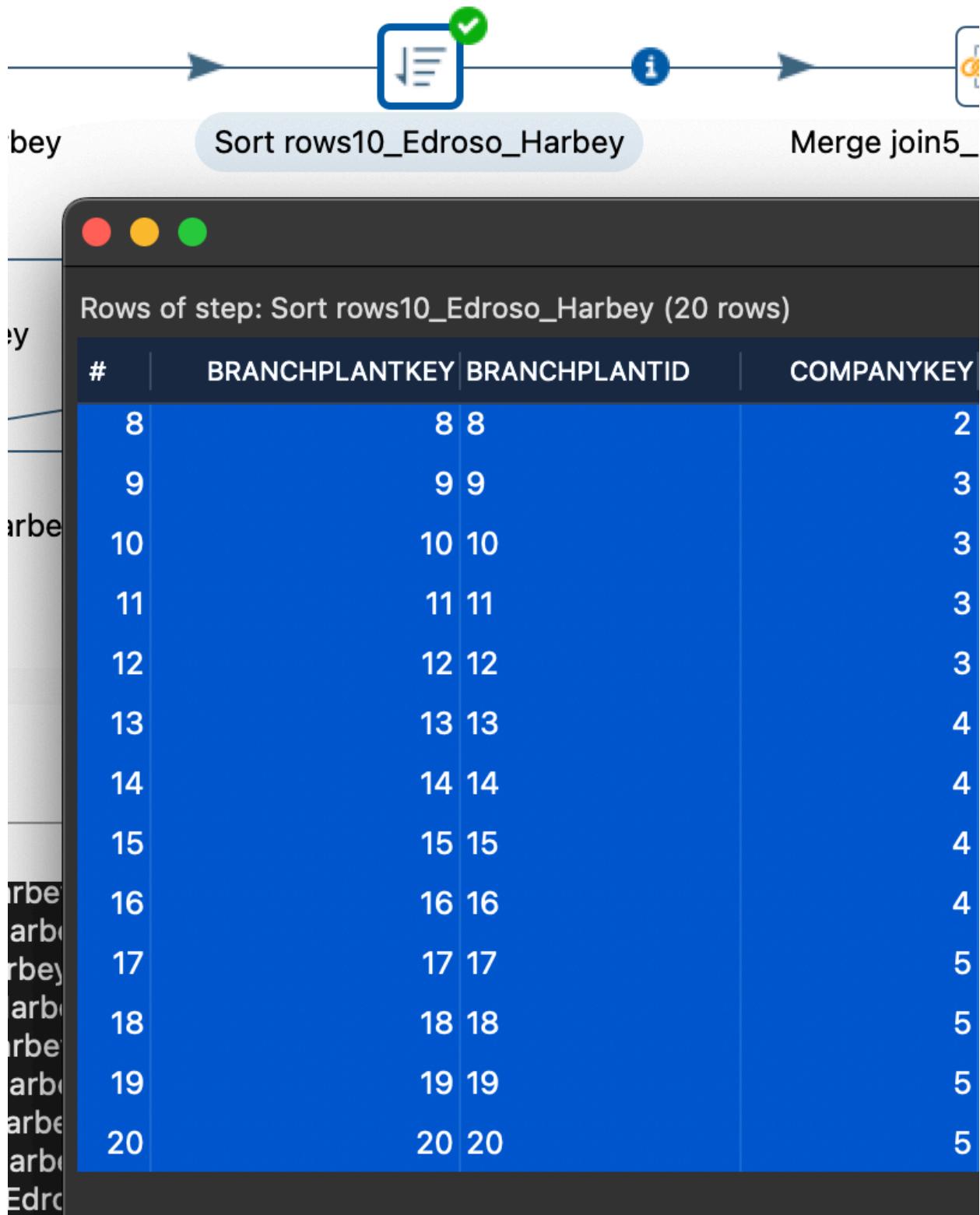
Branch_Plant_Dim_Edroso_Harbey

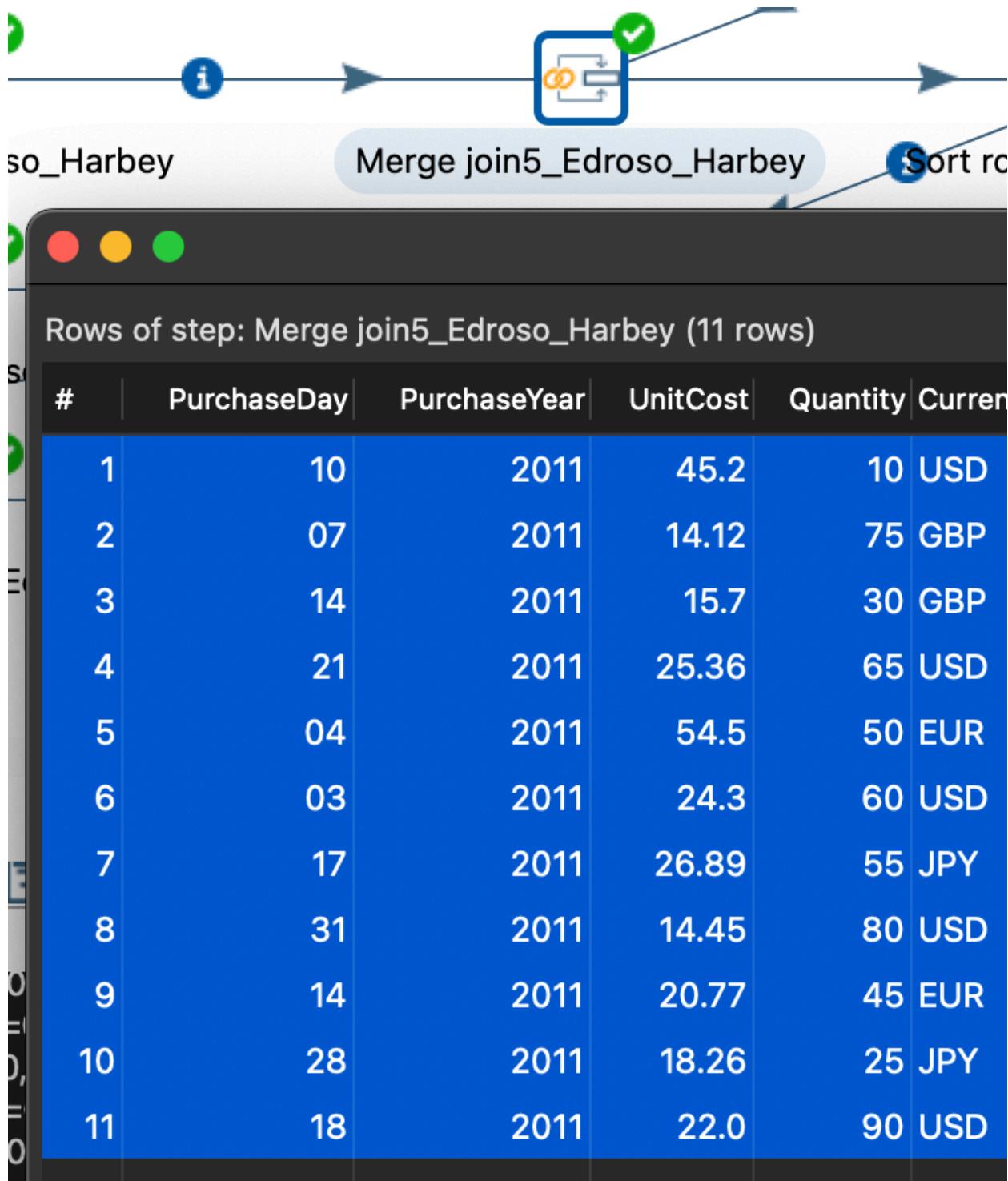


Sort rows10_Edroso_Harbey

Rows of step: Branch_Plant_Dim_Edroso_Harbey (20 rows)

#	BRANCHPLANTKEY	BRANCHPLANTID	COMPANYKEY	CARRYINGC
8	8	8	2	0
9	9	9	3	0
10	10	10	3	0
11	11	11	3	0
12	12	12	3	0
13	13	13	4	0
14	14	14	4	0
15	15	15	4	0
6/12	16	16	4	0
6/12	17	17	5	0
6/12	18	18	5	0
6/12	19	19	5	0
6/12	20	20	5	0
6/12				





→ 

_Harbey **Sort rows11_Edroso_Harbey**

Rows of step: Sort rows11_Edroso_Harbey (11 rows)

#	PurchaseDay	PurchaseYear	UnitCost	Q
1	04 Integer(2)	2011	54.5	
2	14	2011	20.77	
3	07	2011	14.12	
4	14	2011	15.7	
5	17	2011	26.89	
6	28	2011	18.26	
7	10	2011	45.2	
8	21	2011	25.36	
9	03	2011	24.3	
10	31	2011	14.45	
11	18	2011	22.0	



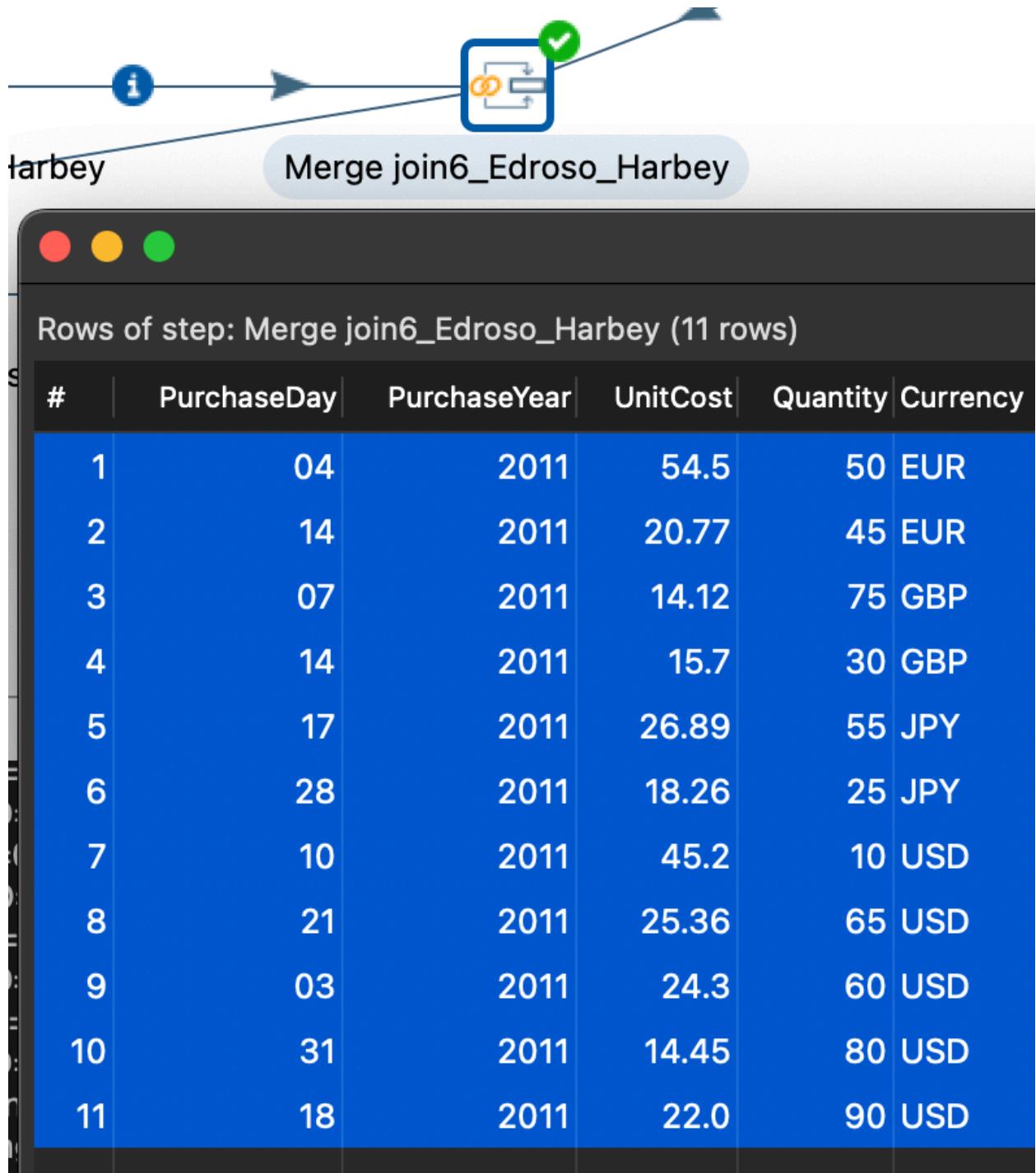
Currency_Dim_Edroso_Harbey

The screenshot shows a Mac OS X application window with a dark gray header bar featuring three colored circular icons (red, yellow, green) on the left. The main area is titled "Rows of step: Currency_Dim_Edroso_Harbey (4 rows)". Below the title is a table with four rows of data. The table has three columns: "#", "CURRENCY_ID", and "EXCHANGE_RATE". The data is as follows:

#	CURRENCY_ID	EXCHANGE_RATE
1	USD	1.0
2	EUR	1.4
3	JPY	0.1
4	GBP	1.54

The screenshot shows a data processing interface with a central table view. At the top, there is a blue icon with a downward arrow and a green checkmark, followed by a blue circular icon with a white letter 'i'. Below this, a light gray bar contains the text "Sort rows12_Edroso_Harbey". The main area is a dark gray window titled "Rows of step: Sort rows12_Edroso_Harbey (4 rows)". The table has four columns: "#", "CURRENCY_ID", "EXCHANGE_RATE", and an unlabeled column on the far left which is not visible in the screenshot. The data is as follows:

#	CURRENCY_ID	EXCHANGE_RATE	
1	EUR	1.4	
2	GBP	1.54	
3	JPY	0.1	
4	USD	1.0	





Calculator1_UnitCost_Edroso_Harbey



Calculator2_ExtCos

Rows of step: Calculator1_UnitCost_Edroso_Harbey (11 rows)

#	PurchaseDay	PurchaseYear	UnitCost	Quantity	Currency
1	04	2011	54.5	50	EUR
2	14	2011	20.77	45	EUR
3	07	2011	14.12	75	GBP
4	14	2011	15.7	30	GBP
5	17	2011	26.89	55	JPY
6	28	2011	18.26	25	JPY
7	10	2011	45.2	10	USD
8	21	2011	25.36	65	USD
9	03	2011	24.3	60	USD
10	31	2011	14.45	80	USD
11	18	2011	22.0	90	USD



arbey Calculator2_ExtCost_Edroso_Harbey Add sequence

Rows of step: Calculator2_ExtCost_Edroso_Harbey (11 rows)

#	PurchaseDay	PurchaseYear	UnitCost	Quantity	Currency
1	04	2011	54.5	50	EUR
2	14	2011	20.77	45	EUR
3	07	2011	14.12	75	GBP
4	14	2011	15.7	30	GBP
5	17	2011	26.89	55	JPY
6	28	2011	18.26	25	JPY
7	10	2011	45.2	10	USD
8	21	2011	25.36	65	USD
9	03	2011	24.3	60	USD
10	31	2011	14.45	80	USD
11	18	2011	22.0	90	USD

The screenshot shows a data processing interface with two main components at the top:

- A step icon with a checkmark, labeled "Add sequence_Edroso_Harbey".
- A step icon with a checkmark, labeled "Insert / update_Edroso_Harbey".

Below these components is a table with the following data:

CURRENCY_ID	EXCHANGE_RATE	UnitCost_1	ExtCost	Inventory_Seq
R	1.4	76.3	3815.0	18311
R	1.4	29.078	1308.51	18312
P	1.54	21.7448	1630.86	18313
P	1.54	24.178	725.34	18314
Y	0.1	2.689	147.895	18315
Y	0.1	1.826	45.65	18316
D	1.0	45.2	452.0	18317
D	1.0	25.36	1648.4	18318
D	1.0	24.3	1458.0	18319
D	1.0	14.45	1156.0	18320
D	1.0	22.0	1980.0	18321

Result set - Run SQL - IBM Db2 on Cloud - SELECT * FROM INVENTORY_FACT WHERE INVENTORYKEY > 18255

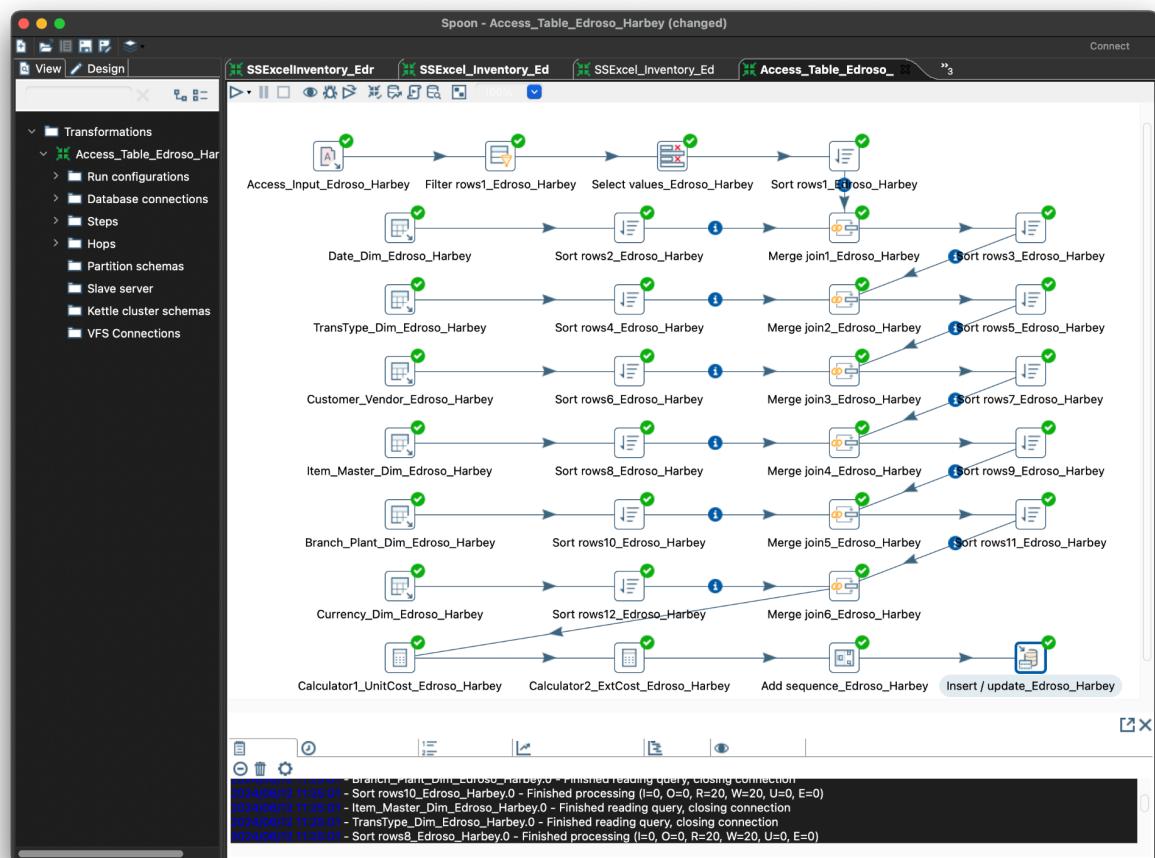
about:blank

Result set 1

Filter table

Total:21

INVENTORYKEY	BRANCHPLANTKEY	DATEKEY	ITEMMASTERKEY	TRANSTYPEKEY	CUSTVENDORKEY	UNITCOST	QUANTITY	EXTCOST
18302	3	85	17	3	7	22.3300	20.0000	44.66
18303	5	94	1	3	15	17.1100	17.0000	29.08
18304	7	87	7	1	3	33.2200	40.0000	132.88
18305	17	92	5	3	5	33.0200	15.0000	49.53
18306	1	84	19	1	5	11.2200	10.0000	112.20
18307	5	86	9	5	1	33.1100	30.0000	993.30
18308	7	95	3	1	13	21.2200	15.0000	318.29
18309	9	96	5	5	11	33.2100	18.0000	597.78
18310	11	89	5	3	15	11.0300	20.0000	220.60
18311	10	14	14	4	18	54.5000	50.0000	3815.00
18312	16	11	10	2	12	20.7700	45.0000	1308.50
18313	2	6	4	4	8	14.1200	75.0000	1630.86
18314	6	7	6	4	14	15.7000	30.0000	725.34
18315	14	3	2	4	10	26.8900	55.0000	147.89
18316	18	13	12	2	2	18.2600	25.0000	45.65
18317	2	2	2	2	4	45.2000	10.0000	452.00
18318	8	8	6	4	10	25.3600	65.0000	1648.39
18319	12	1	1	2	12	24.3000	60.0000	1458.00
18320	16	5	4	2	6	14.4500	80.0000	1156.00
18321	18	16	20	2	8	22.0000	90.0000	1980.00



*****NOTHING FOLLOWS*****