

Professional Elective 4 - Lab Seatwork 3

The screenshot shows a web browser window titled "SSExcelTest_AcheroNoriel". Below the address bar, there's a toolbar with various icons and a zoom level set to 100%. The main content area displays a green checkmark icon next to a document icon labeled "SSExcelData_Achero_Noriel". Below this, a section titled "Examine preview data" shows a table of 12 rows of data.

#	SalesUnits	SalesDollar	SalesCost	CustID	StoreID	ItemID	Day	Month	Year
1	111	1111.00	1111.00	C0954327	S1010398	I0036577	1	2	2010
2	222	2222.00	2222.00	C8654390	S9432910	I0036566	3	7	2013
3	333	3333.00	3333.00	C9128574	S0954327	I0036566	1	5	2013
4	444	4444.00	4444.00	C9403348	S0954327	I0036577	1	2	2011
5	101	1001.00	1001.00	C0954327	S9432910	I0036577	3	7	2013
6	202	2002.00	2002.00	<null>	S0954327	I0036566	1	5	2011
7	303	3003.00	3003.00	C9128574	S0954327	I0036566	1	2	2010
8	404	4004.00	4004.00	C9403348	<null>	I0036577	3	7	2013
9	121	4224.00	4224.00	C0954327	S0954327	I0036566	1	5	2011
10	232	2332.00	2332.00	C8654390	S0954327	I0036566	1	2	2015
11	323	3223.00	3223.00	C9128574	S9432910	I0036577	3	7	2013
12	434	4334.00	4334.00	C9403348	S0954327	I9999999	3	7	2013

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The screenshot shows the SSExcelTest_AcheroNoriel application interface. At the top, there is a toolbar with various icons and a zoom level of 100%. Below the toolbar, a data flow diagram illustrates the process: 'SSExcelData_Achero_Noriel' (represented by a green checkmark icon) feeds into 'Filter rows_Achero_Noriel' (represented by a blue icon with a green checkmark and a yellow triangle). Below the diagram, a section titled 'Examine preview data' displays the first 10 rows of the filtered data. The data is presented in a table with columns: #, SalesUnits, SalesDollar, SalesCost, CustID, StoreID, ItemID, Day, Month, and Year.

#	SalesUnits	SalesDollar	SalesCost	CustID	StoreID	ItemID	Day	Month	Year
1	111	1111.00	1111.00	C0954327	S1010398	I0036577	1	2	2010
2	222	2222.00	2222.00	C8654390	S9432910	I0036566	3	7	2013
3	333	3333.00	3333.00	C9128574	S0954327	I0036566	1	5	2013
4	444	4444.00	4444.00	C9403348	S0954327	I0036577	1	2	2011
5	101	1001.00	1001.00	C0954327	S9432910	I0036577	3	7	2013
6	303	3003.00	3003.00	C9128574	S0954327	I0036566	1	2	2010
7	121	4224.00	4224.00	C0954327	S0954327	I0036566	1	5	2011
8	232	2332.00	2332.00	C8654390	S0954327	I0036566	1	2	2015
9	323	3223.00	3223.00	C9128574	S9432910	I0036577	3	7	2013
10	434	4334.00	4334.00	C9403348	S0954327	I9999999	3	7	2013

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SSExcelTest_AcheroNoriel

SSExcelData_Achero_Noriel → Filter rows_Achero_Noriel → Sort rows1_Achero_Noriel

SSTimeDim_Achero_Noriel

Examine preview data

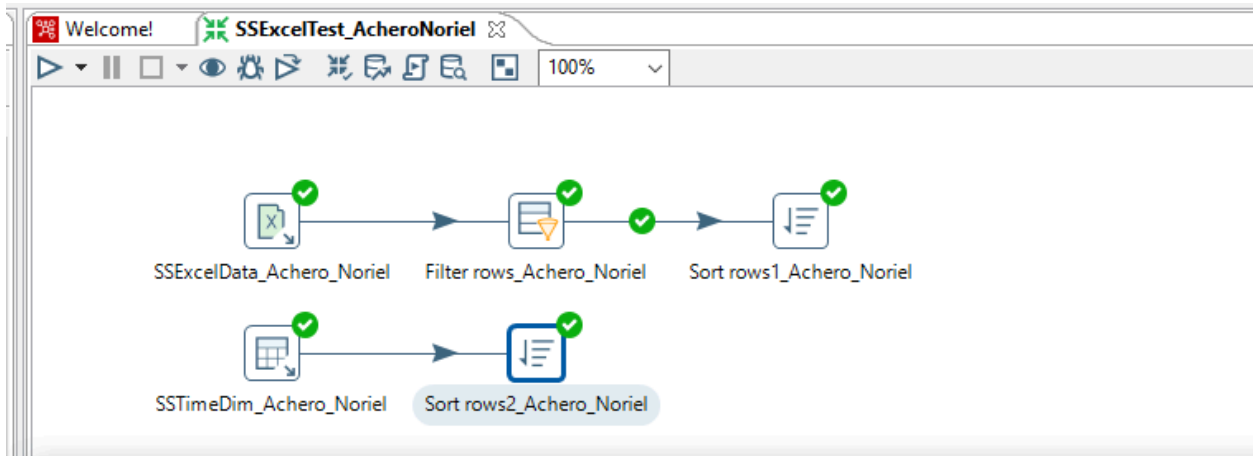
Rows of step: SSTimeDim_Achero_Noriel (16 rows)

#	TIMENO	TIMEDAY	TIMEMONTH	TIMEQUARTER	TIMEYEAR	TIMEDAYOFWEEK	TIMEFISCALYEAR
1	1	1	2	1	2010	2	2010
2	2	1	5	2	2010	4	2010
3	3	3	7	3	2010	3	2010
4	4	4	10	4	2010	2	2010
5	5	1	2	1	2011	2	2011
6	6	1	5	2	2011	4	2011
7	7	3	7	3	2011	3	2011
8	8	4	10	4	2011	2	2011
9	9	1	2	1	2012	2	2012
10	10	1	5	2	2012	4	2012
11	11	3	7	3	2012	3	2012
12	12	4	10	4	2012	2	2012
13	13	1	2	1	2013	2	2013
14	14	1	5	2	2013	4	2013
15	15	3	7	3	2013	3	2013
16	16	4	10	4	2013	2	2013

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Examine preview data

Rows of step: Sort rows2_Achero_Noriel (16 rows)

#	TIMENO	TIMEDAY	TIMEMONTH	TIMEQUARTER	TIMEYEAR	TIMEDAYOFWEEK	TIMEFISCALYEAR
1	1	1	2	1	2010	2	2010
2	5	1	2	1	2011	2	2011
3	9	1	2	1	2012	2	2012
4	13	1	2	1	2013	2	2013
5	2	1	5	2	2010	4	2010
6	6	1	5	2	2011	4	2011
7	10	1	5	2	2012	4	2012
8	14	1	5	2	2013	4	2013
9	3	3	7	3	2010	3	2010
10	7	3	7	3	2011	3	2011
11	11	3	7	3	2012	3	2012
12	15	3	7	3	2013	3	2013
13	4	4	10	4	2010	2	2010
14	8	4	10	4	2011	2	2011
15	12	4	10	4	2012	2	2012
16	16	4	10	4	2013	2	2013

SSExcelTest_AcheroNoriel

```
graph LR; A[SSExcelData_Achero_Noriel] --> B[Filter rows_Achero_Noriel]; B --> C[Sort rows1_Achero_Noriel]; D[SSTimeDim_Achero_Noriel] --> E[Sort rows2_Achero_Noriel]; C --> F[Merge join1_Achero_Noriel]; E --> F;
```

Examine preview data

Rows of step: Merge join1_Achero_Noriel (9 rows)

#	SalesUnits	SalesDollar	SalesCost	CustID	StoreID	ItemID	Day	Month	Year	TIMENO	TIMEDAY	TIMEMONTH	TIMEQUARTER	TIMEYEAR	TIMEDAYOFWEEK	TIMEFISCALYEAR
1	111	1111.00	1111.00	C0954327	S1010398	I0036577	1	2	2010	1	1	2	1	2010	2	2010
2	303	3003.00	3003.00	C9128574	S0954327	I0036566	1	2	2010	1	1	2	1	2010	2	2010
3	444	4444.00	4444.00	C9403348	S0954327	I0036577	1	2	2011	5	1	2	1	2011	2	2011
4	121	4224.00	4224.00	C0954327	S0954327	I0036566	1	5	2011	6	1	5	2	2011	4	2011
5	333	3333.00	3333.00	C9128574	S0954327	I0036566	1	5	2013	14	1	5	2	2013	4	2013
6	222	2222.00	2222.00	C8654390	S9432910	I0036566	3	7	2013	15	3	7	3	2013	3	2013
7	101	1001.00	1001.00	C0954327	S9432910	I0036577	3	7	2013	15	3	7	3	2013	3	2013
8	323	3223.00	3223.00	C9128574	S9432910	I0036577	3	7	2013	15	3	7	3	2013	3	2013
9	434	4334.00	4334.00	C9403348	S0954327	I9999999	3	7	2013	15	3	7	3	2013	3	2013

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SSExcelTest_AcheroNoriel

100%

SSExcelData_Achero_Noriel → Filter rows_Achero_Noriel → Sort rows1_Achero_Noriel

SSTimeDim_Achero_Noriel → Sort rows2_Achero_Noriel

Sort rows1_Achero_Noriel → Merge join1_Achero_Noriel

Sort rows2_Achero_Noriel → Merge join1_Achero_Noriel

SSItem_Achero_Noriel

Examine preview data

Rows of step: SSItem_Achero_Noriel (10 rows)

#	ITEMID	ITEMNAME	ITEMBRAND	ITEMCATEGORY	ITEMUNITPRICE
1	I0036566	17 inch Color Monitor	ColorMeg, Inc.	Electronics	169.0
2	I0036577	19 inch Color Monitor	ColorMeg, Inc.	Electronics	319.0
3	I1114590	R3000 Color Laser Printer	Connex	Printing	699.0
4	I1412138	10 Foot Printer Cable	Ethlite	Computer Accessories	12.0
5	I1445671	8-Outlet Surge Protector	Intersafe	Computer Accessories	14.99
6	I1556678	CVP Ink Jet Color Printer	Connex	Printing	99.0
7	I3455443	Color Ink Jet Cartridge	Connex	Printing	38.0
8	I4201044	36-Bit Color Scanner	UV Components	Scanning	199.99
9	I6677900	Black Ink Jet Cartridge	Connex	Printing	25.69
10	I9995676	Battery Back-up System	Cybercx	Computer Accessories	89.0

Execution

Logging

2024/06/10

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SSExcelTest_AcheroNoriel

100%

SSExcelData_Achero_Noriel → Filter rows_Achero_Noriel → Sort rows1_Achero_Noriel

SSTimeDim_Achero_Noriel → Sort rows2_Achero_Noriel

Sort rows1_Achero_Noriel → Merge join1_Achero_Noriel

Sort rows2_Achero_Noriel → Merge join1_Achero_Noriel

SSItem_Achero_Noriel → Sort rows5_Achero_Noriel

Examine preview data

Rows of step: Sort rows5_Achero_Noriel (10 rows)

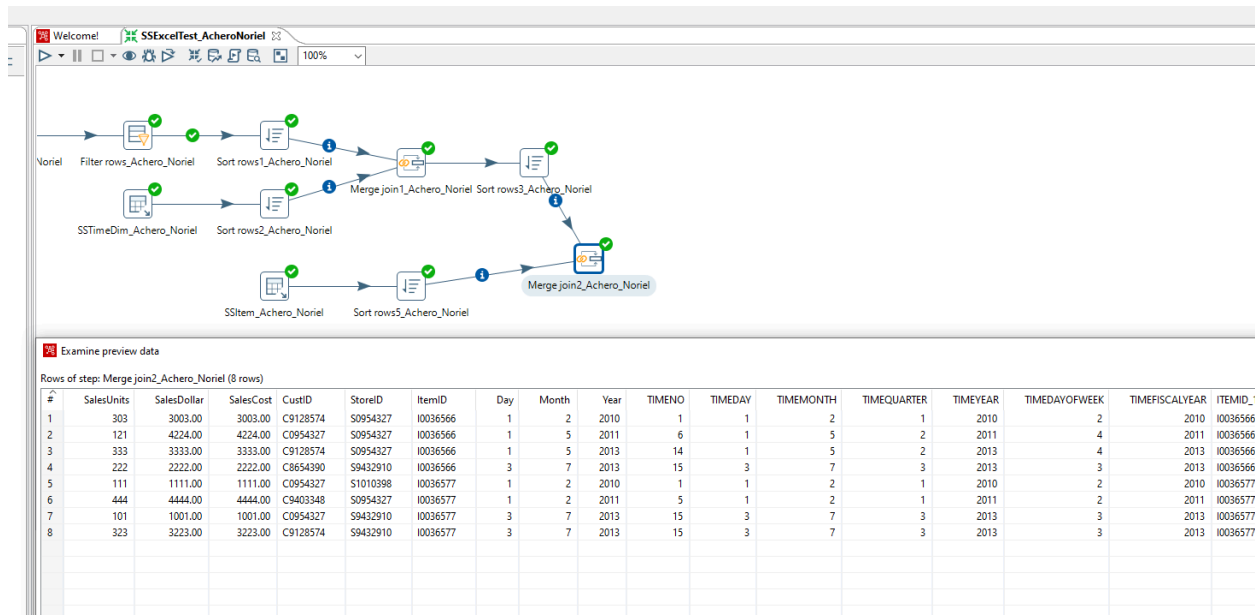
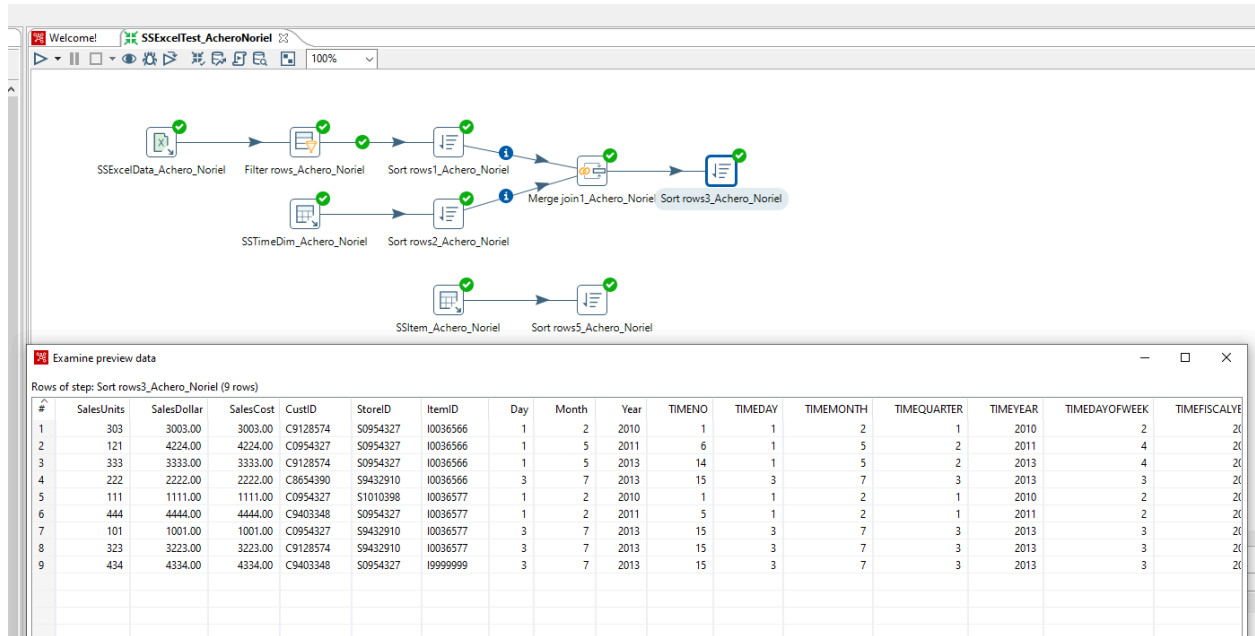
#	ITEMID	ITEMNAME	ITEMBRAND	ITEMCATEGORY	ITEMUNITPRICE
1	I0036566	17 inch Color Monitor	ColorMeg, Inc.	Electronics	169.0
2	I0036577	19 inch Color Monitor	ColorMeg, Inc.	Electronics	319.0
3	I1114590	R3000 Color Laser Printer	Connex	Printing	699.0
4	I1412138	10 Foot Printer Cable	Ethlite	Computer Accessories	12.0
5	I1445671	8-Outlet Surge Protector	Intersafe	Computer Accessories	14.99
6	I1556678	CVP Ink Jet Color Printer	Connex	Printing	99.0
7	I3455443	Color Ink Jet Cartridge	Connex	Printing	38.0
8	I4201044	36-Bit Color Scanner	UV Components	Scanning	199.99
9	I6677900	Black Ink Jet Cartridge	Connex	Printing	25.69
10	I9995676	Battery Back-up System	Cybercx	Computer Accessories	89.0

Execution Log

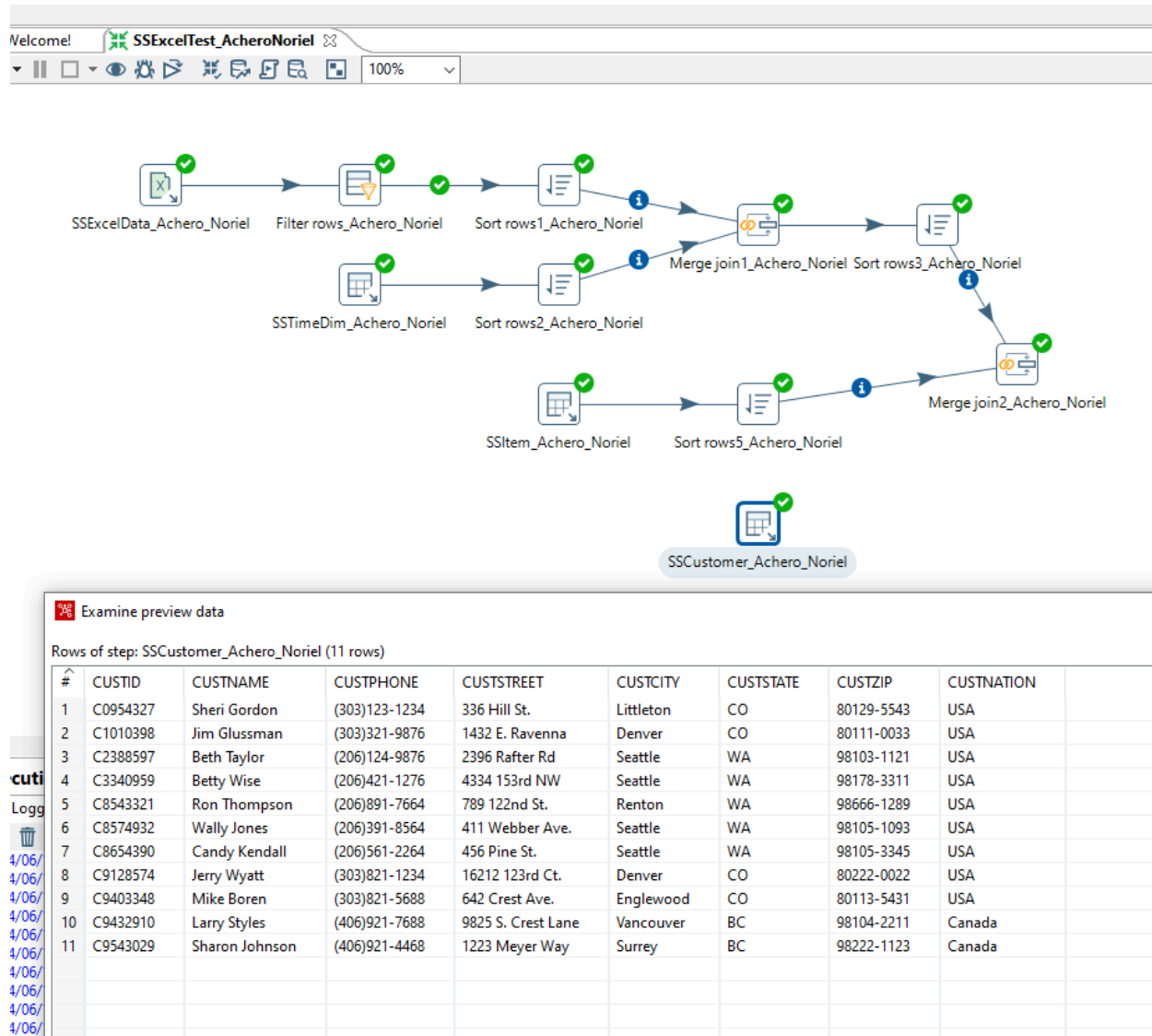
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SSItem_Achero_Noriel

Sort rows4_Achero_Noriel



SSCustomer_Achero_Noriel

Sort rows5_Achero_Noriel 2

Examine preview data

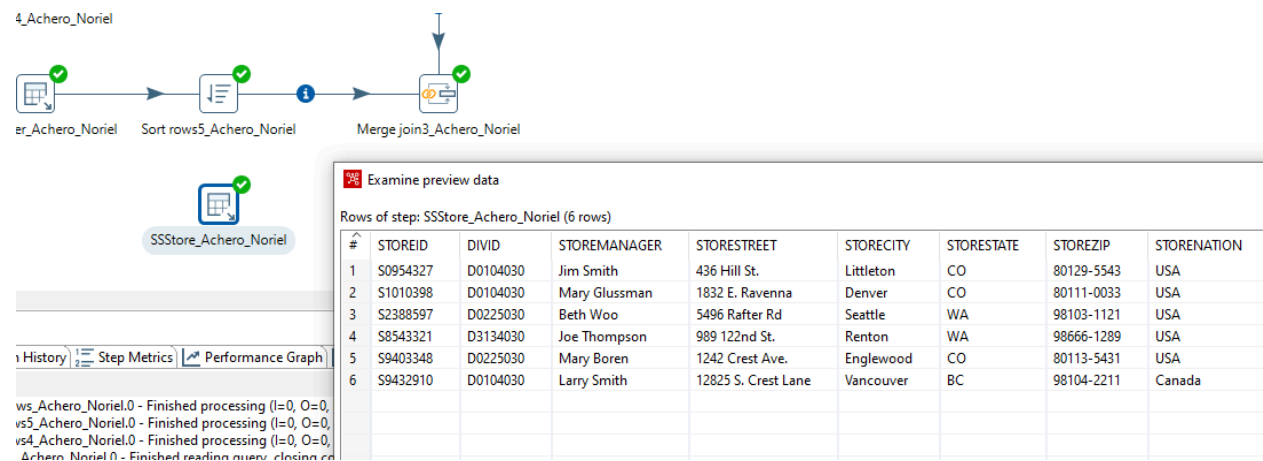
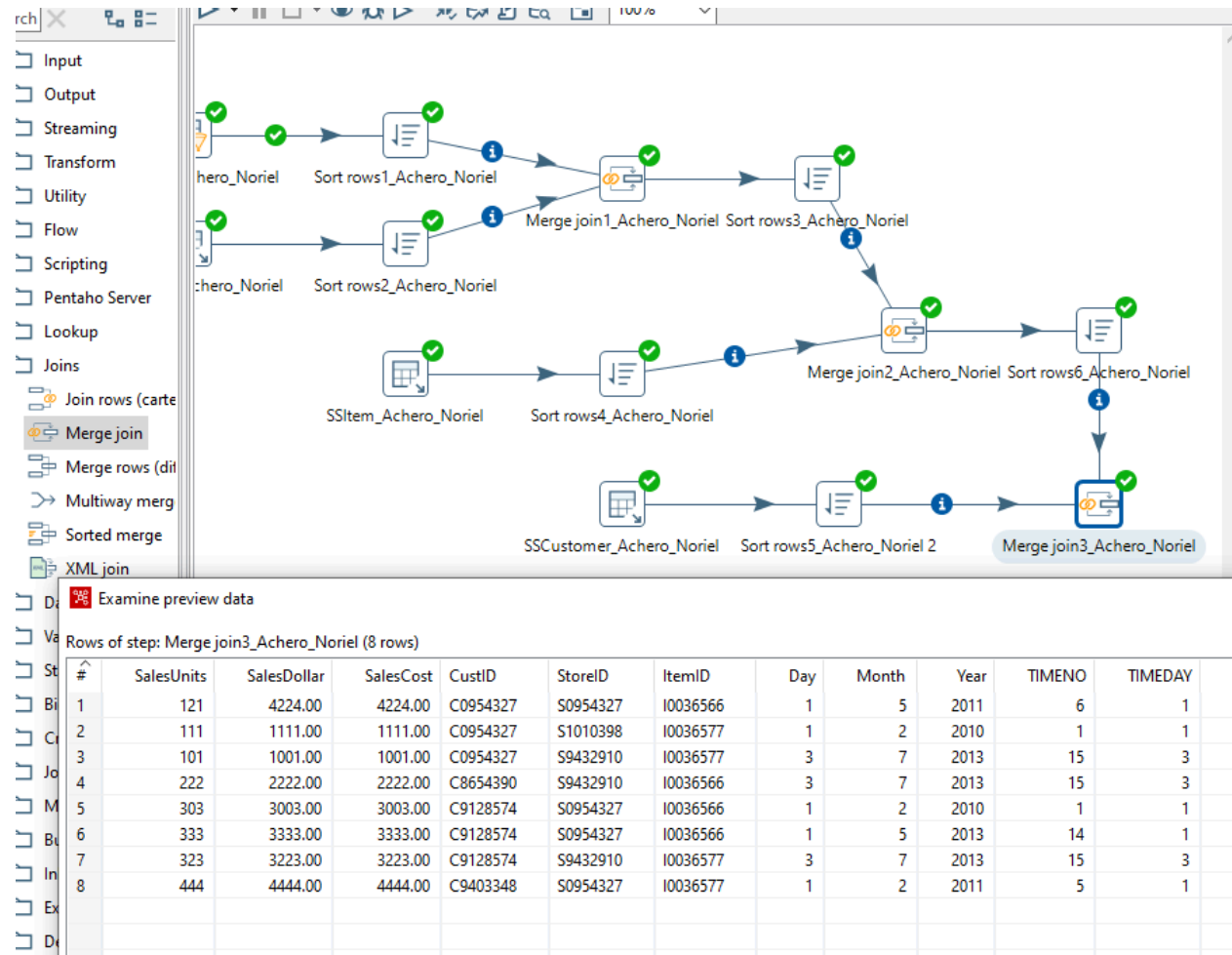
Rows of step: Sort rows5_Achero_Noriel 2 (11 rows)

#	CUSTID	CUSTNAME	CUSTPHONE	CUSTSTREET	CUSTCITY	CUSTSTATE	CUSTZIP	CUSTNATION
1	C0954327	Sheri Gordon	(303)123-1234	336 Hill St.	Littleton	CO	80129-5543	USA
2	C1010398	Jim Glussman	(303)321-9876	1432 E. Ravenna	Denver	CO	80111-0033	USA
3	C2388597	Beth Taylor	(206)124-9876	2396 Rafter Rd	Seattle	WA	98103-1121	USA
4	C3340959	Betty Wise	(206)421-1276	4334 153rd NW	Seattle	WA	98178-3311	USA
5	C8543321	Ron Thompson	(206)891-7664	789 122nd St.	Renton	WA	98666-1289	USA
6	C8574932	Wally Jones	(206)391-8564	411 Webber Ave.	Seattle	WA	98105-1093	USA
7	C8654390	Candy Kendall	(206)561-2264	456 Pine St.	Seattle	WA	98105-3345	USA
8	C9128574	Jerry Wyatt	(303)821-1234	16212 123rd Ct.	Denver	CO	80222-0022	USA
9	C9403348	Mike Boren	(303)821-5688	642 Crest Ave.	Englewood	CO	80113-5431	USA
10	C9432910	Larry Styles	(406)921-7688	9825 S. Crest Lane	Vancouver	BC	98104-2211	Canada
11	C9543029	Sharon Johnson	(406)921-4468	1223 Meyer Way	Surrey	BC	98222-1123	Canada

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SSStore_Achero_Noriel → Sort rows7_Achero_Noriel

Examine preview data

Rows of step: Sort rows7_Achero_Noriel (6 rows)

#	STOREID	DIVID	STOREMANAGER	STORESTREET	STORECITY	STORESTATE	STOREZIP	STORENATION
1	S0954327	D0104030	Jim Smith	436 Hill St.	Littleton	CO	80129-5543	USA
2	S1010398	D0104030	Mary Glussman	1832 E. Ravenna	Denver	CO	80111-0033	USA
3	S2388597	D0225030	Beth Woo	5496 Rafter Rd	Seattle	WA	98103-1121	USA
4	S8543321	D3134030	Joe Thompson	989 122nd St.	Renton	WA	98666-1289	USA
5	S9403348	D0225030	Mary Boren	1242 Crest Ave.	Englewood	CO	80113-5431	USA
6	S9432910	D0104030	Larry Smith	12825 S. Crest Lane	Vancouver	BC	98104-2211	Canada

SSCustomer_Achero_Noriel → Sort rows5_Achero_Noriel → Merge join3_Achero_Noriel → Sort rows8_Achero_Noriel

SSStore_Achero_Noriel → Sort rows7_Achero_Noriel → Merge join4_Achero_Noriel

Examine preview data

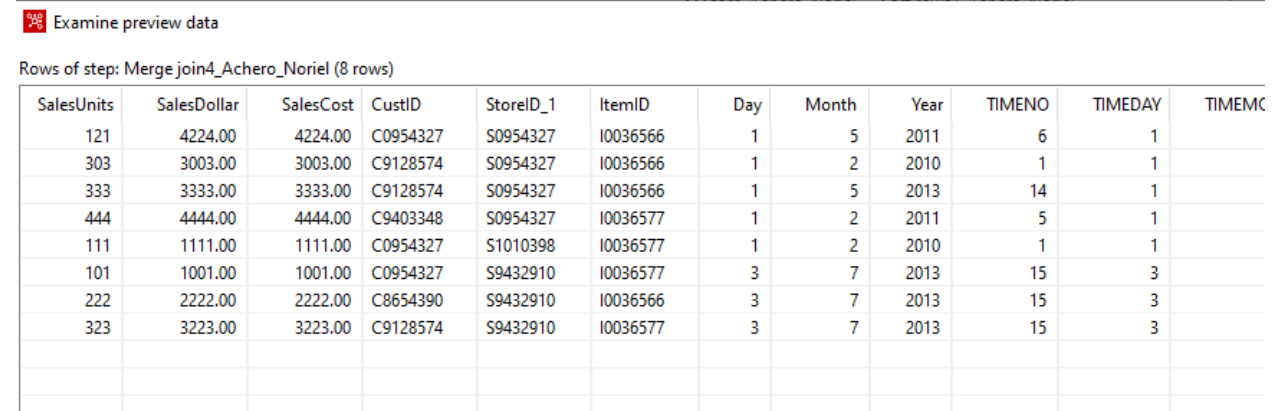
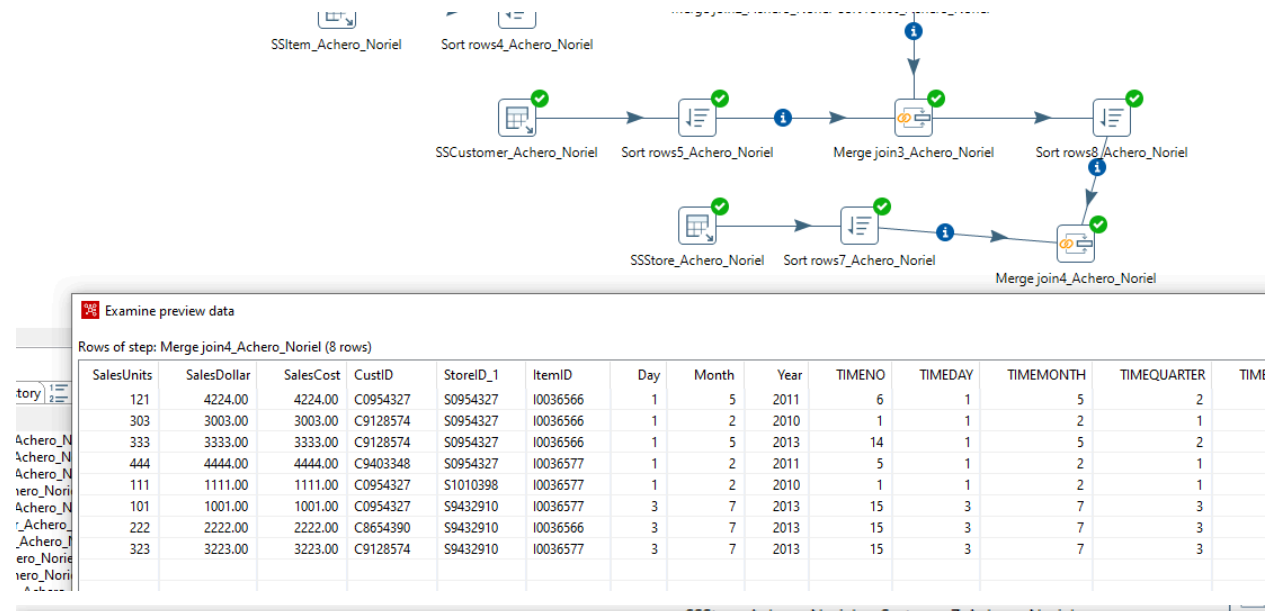
Rows of step: Merge join4_Achero_Noriel (8 rows)

#	STOREID	DIVID	STOREMANAGER	STORESTREET	STORECITY	STORESTATE	STOREZIP	STORENATION
1	S0954327	D0104030	Jim Smith	436 Hill St.	Littleton	CO	80129-5543	USA
2	S0954327	D0104030	Jim Smith	436 Hill St.	Littleton	CO	80129-5543	USA
3	S0954327	D0104030	Jim Smith	436 Hill St.	Littleton	CO	80129-5543	USA
4	S0954327	D0104030	Jim Smith	436 Hill St.	Littleton	CO	80129-5543	USA
5	S1010398	D0104030	Mary Glussman	1832 E. Ravenna	Denver	CO	80111-0033	USA
6	S9432910	D0104030	Larry Smith	12825 S. Crest Lane	Vancouver	BC	98104-2211	Canada
7	S9432910	D0104030	Larry Smith	12825 S. Crest Lane	Vancouver	BC	98104-2211	Canada
8	S9432910	D0104030	Larry Smith	12825 S. Crest Lane	Vancouver	BC	98104-2211	Canada

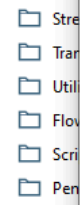
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* Untitled ... x +

History Results

Result set 1 Details

Filter table Total:104

SALESNO	SALESUNITS	SALES DOLLAR	SALES COST	CUSTID	ITEMID	STOREID	TIMENO
97	121	4224.00	4224.00	C0954327	I0036566	S0954327	6
98	303	3003.00	3003.00	C9128574	I0036566	S0954327	1
99	333	3333.00	3333.00	C9128574	I0036566	S0954327	14
100	444	4444.00	4444.00	C9403348	I0036577	S0954327	5
101	111	1111.00	1111.00	C0954327	I0036577	S1010398	1
102	101	1001.00	1001.00	C0954327	I0036577	S9432910	15
103	222	2222.00	2222.00	C8654390	I0036566	S9432910	15
104	323	3223.00	3223.00	C9128574	I0036577	S9432910	15

Items per page: 200 1-104 of 104 items 1 of 1 page

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