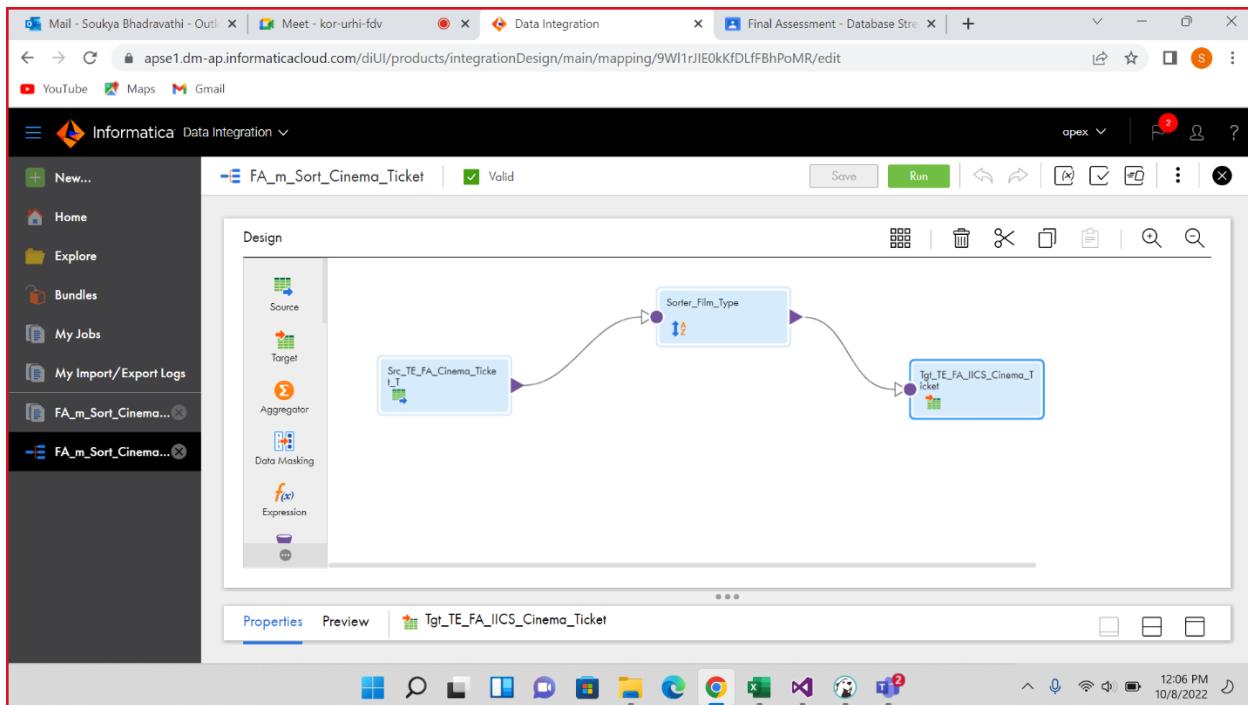


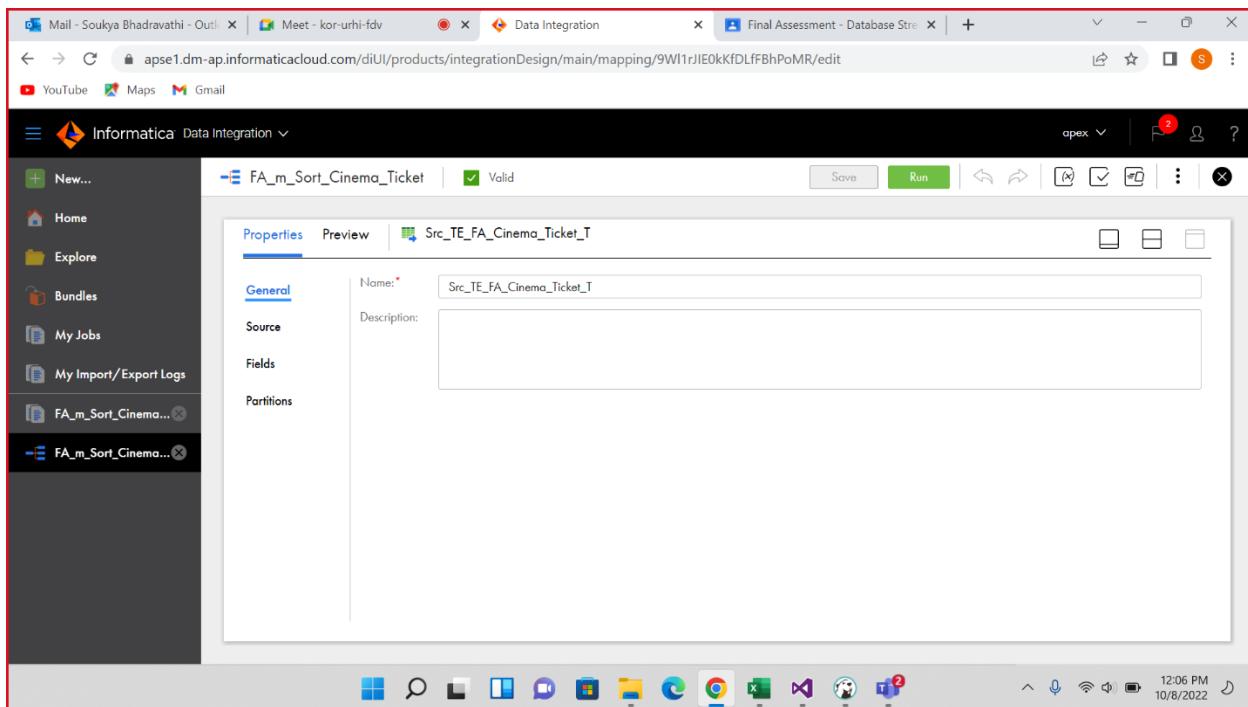
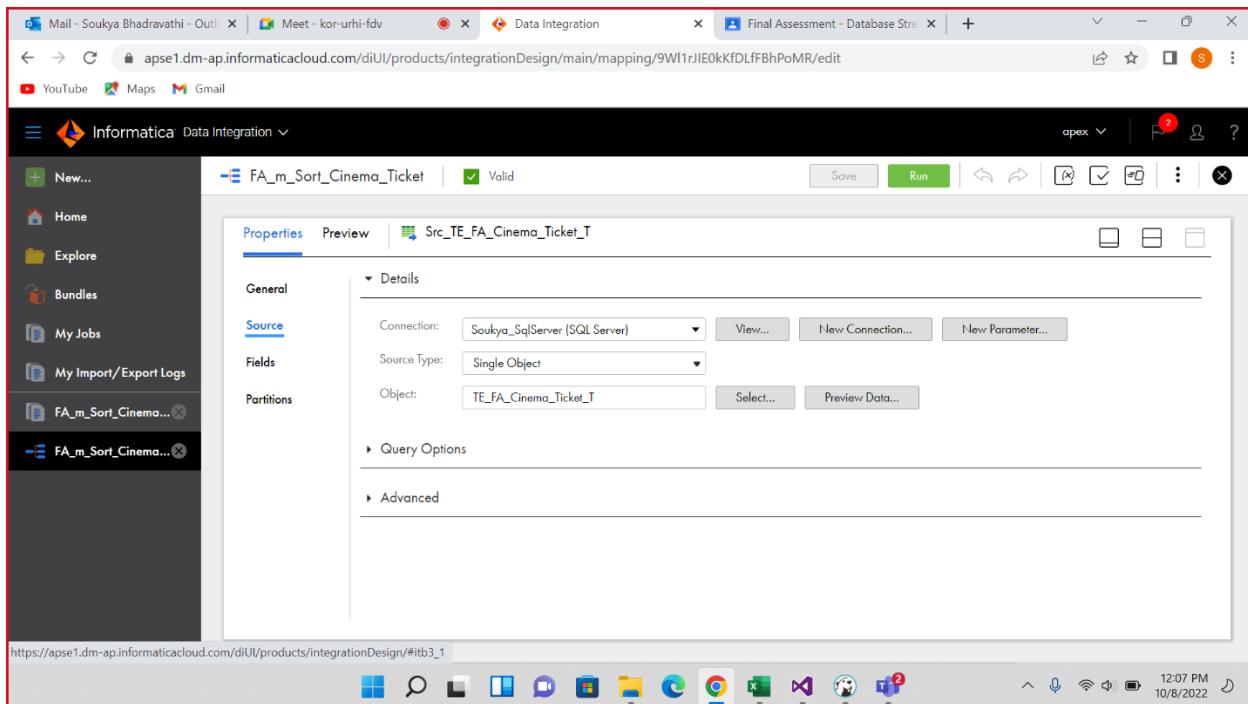
Module 4

Extract

Transform

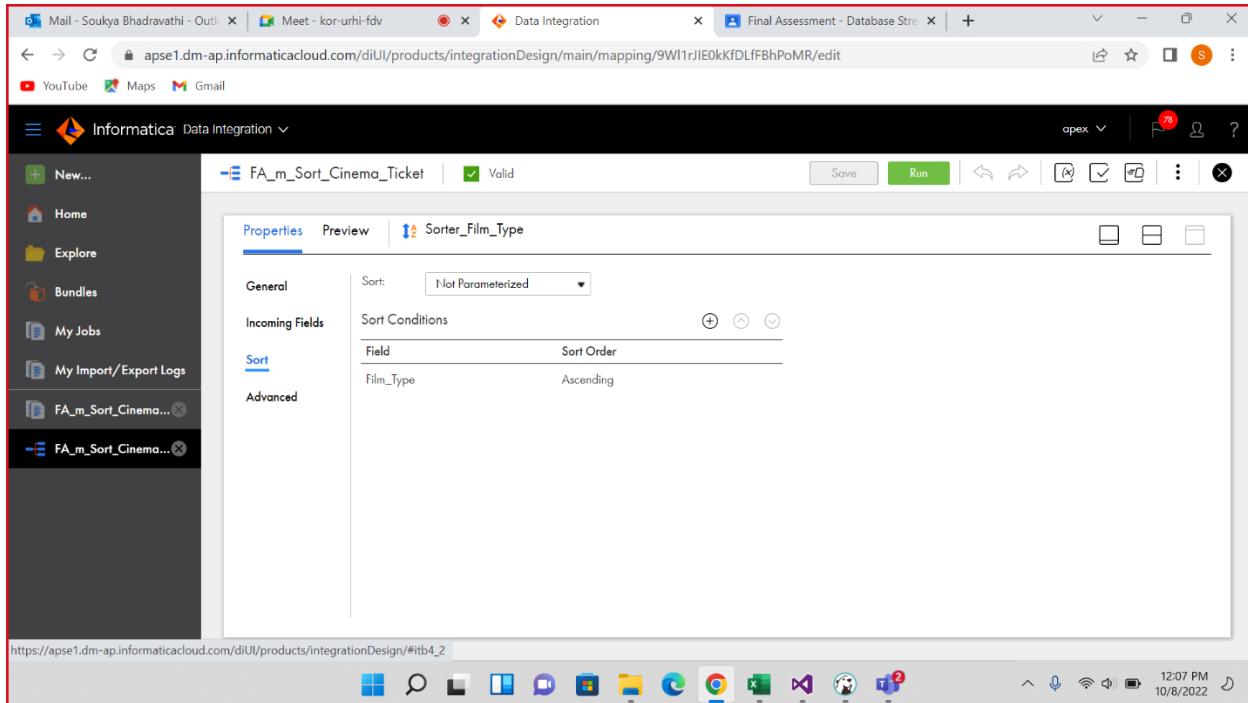
Load to new target system - SQL Server



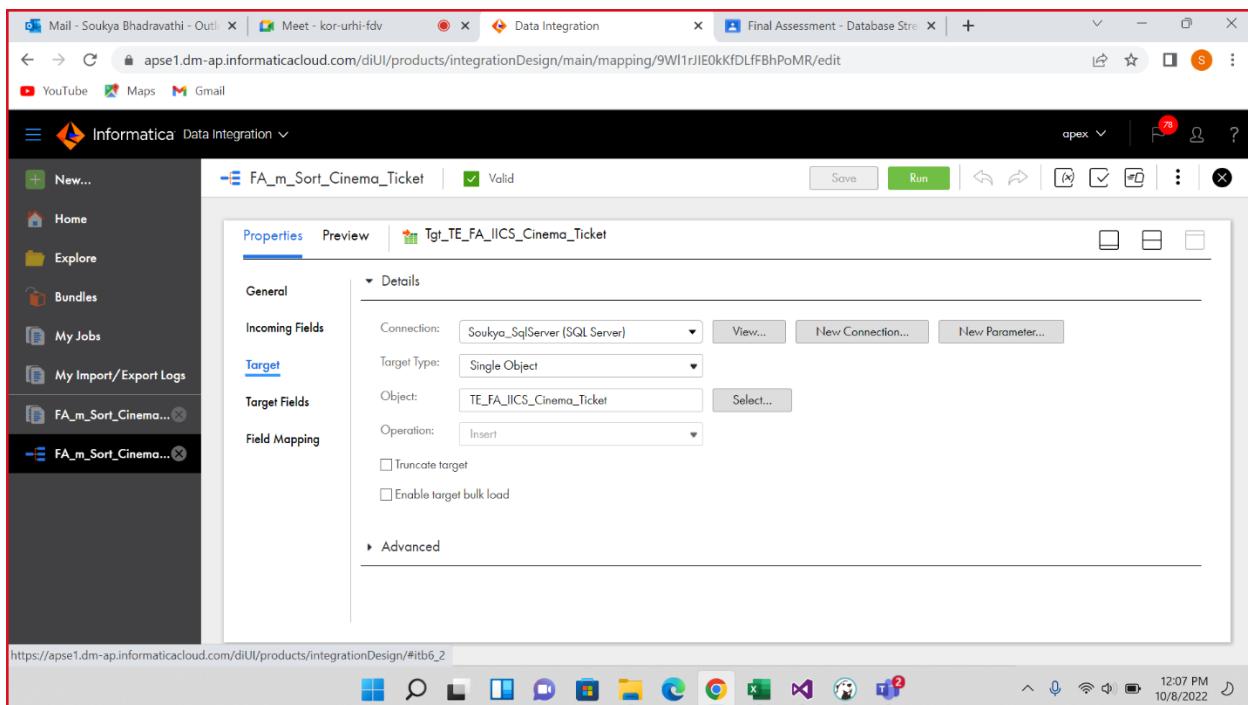


Transformation - Sorting

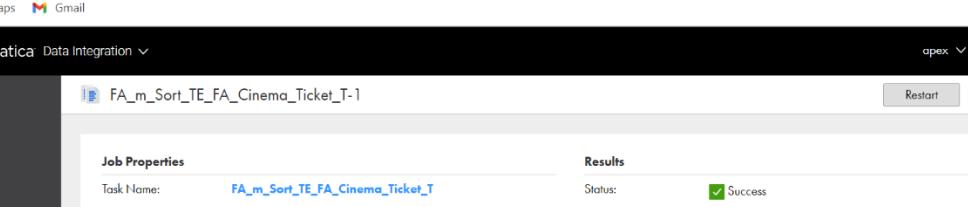
Arranging Film Types in Alphabetic Order



The screenshot shows the Informatica Data Integration Properties tab for a transformation named 'FA_m_Sort_Cinema_Ticket'. The 'Sort' tab is selected. The 'Sort Conditions' section contains a single entry: 'Field' is 'Film_Type' and 'Sort Order' is 'Ascending'. The 'Incoming Fields' section shows the transformation is 'Valid'. The 'General' section shows 'Sort' is 'Not Parameterized'. The left sidebar lists other transformations: 'FA_m_Sort_Cinema_Ticket' (selected), 'FA_m_Sort_Cinema_Ticket', and 'FA_m_Sort_Cinema_Ticket'.



The screenshot shows the Informatica Data Integration Properties tab for a target object named 'Tgt_TE_FA_IICS_Cinema_Ticket'. The 'Target' tab is selected. The 'Details' section shows the connection is 'Soukya_SQLServer (SQL Server)', the target type is 'Single Object', the object is 'TE_FA_IICS_Cinema_Ticket', and the operation is 'Insert'. The 'Incoming Fields' section shows the transformation is 'Valid'. The left sidebar lists other transformations: 'FA_m_Sort_Cinema_Ticket' (selected), 'FA_m_Sort_Cinema_Ticket', and 'FA_m_Sort_Cinema_Ticket'.



The screenshot shows the Informatica Data Integration interface. The left sidebar contains navigation links: New..., Home, Explore, Bundles, My Jobs, My Import/Export Logs, FA_M_CarSales_2, and FA_m_Sort_TE_FA_Cinema_Ticket_T. The main content area displays a job named 'FA_m_Sort_TE_FA_Cinema_Ticket_T-1'. The 'Job Properties' section shows the following details:

Task Name:	FA_m_Sort_TE_FA_Cinema_Ticket_T
Instance ID:	1
Task Type:	Mapping
Started By:	soukya_bv through UI
Start Time:	Oct 8, 2022 12:06:13 AM
End Time:	Oct 8, 2022 12:11:21 AM
Duration:	5 minutes, 8 seconds
Runtime Environment:	Informatica Cloud Hosted Agent

The 'Results' section shows:

Status:	Success
Success Rows:	2000
Errors:	0
Session Log:	Download Session Log

The 'Individual Source/Target Results' section shows two entries:

Name	Success Rows	Errors	Error Message	Actions
Src_TE_FA_Cinema_Ticket_T	2000	0		
Tgt_TE_FA_IICs_Cinema_Ticket [TE_FA_IICs_Cinema_Ticket]	2000	0		

DBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

NormalizingAssessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_IICS

select * from TE_FA_Cinema_Ticket

select * from TE_FA_IICS_Cinema_Ticket

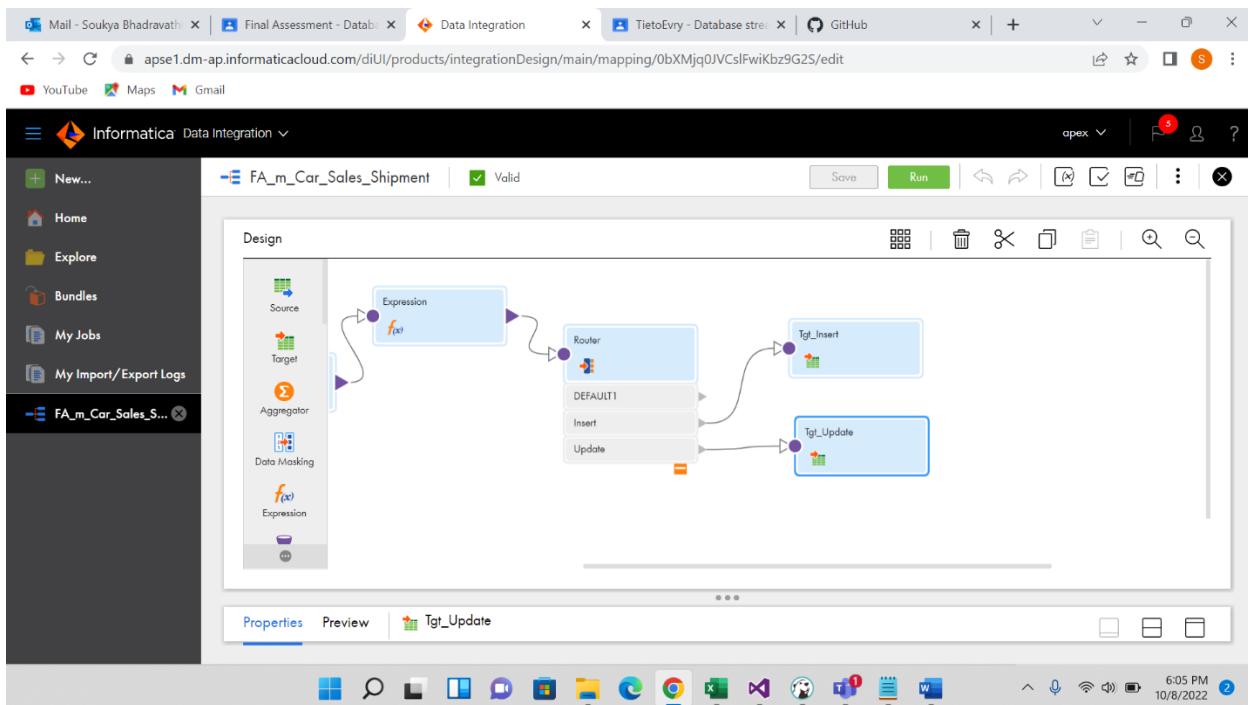
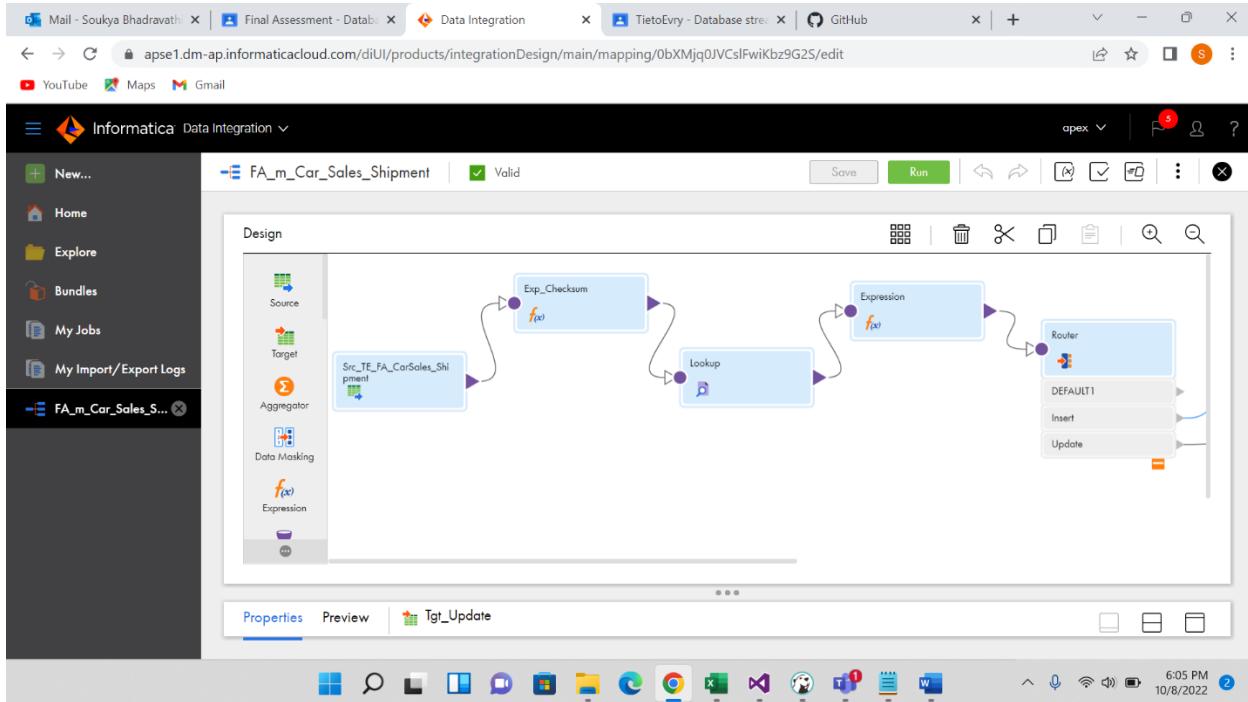
Results 1 ×

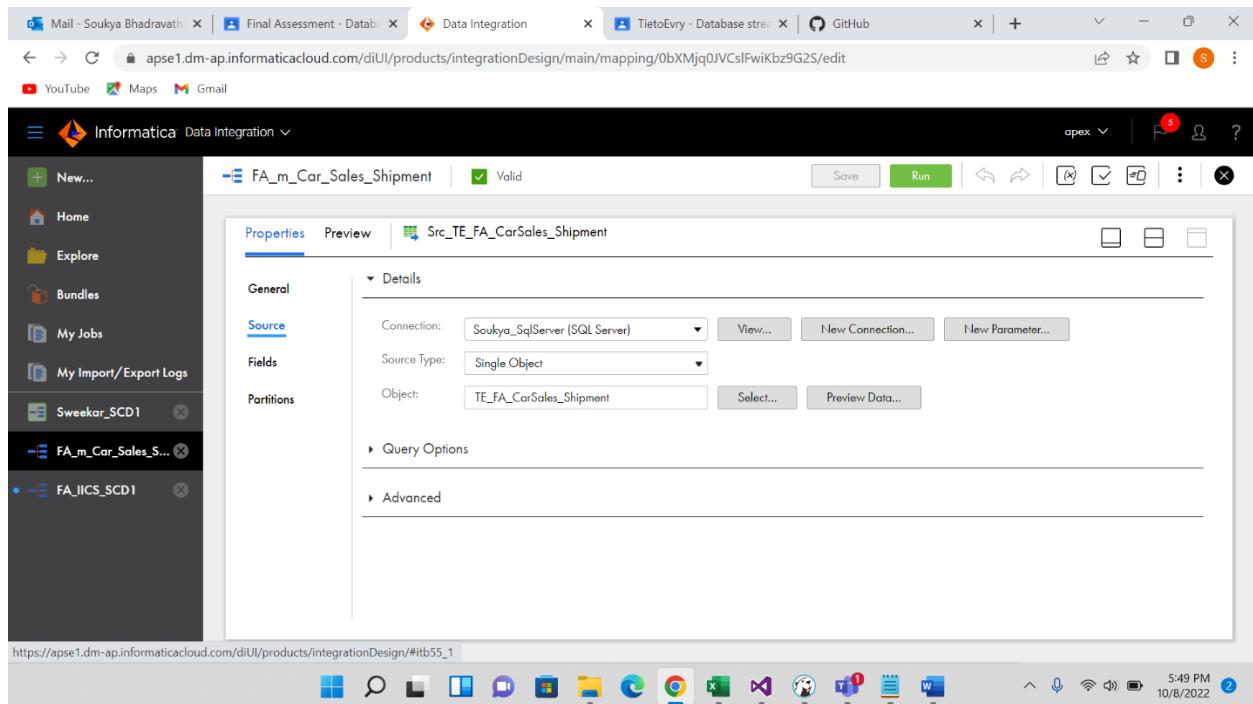
select * from TE_FA_IICS_Cinema_Ticket Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Film_Type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_perc	ticket_price	ticket_use	capacity	date	mo
Text	191	Action	1482	501	12790000	271	0	3	44.939999999999998	47195.571960000001	271	603	43195 4
Text	192	Action	1482	415	12600000	180	0	3	17.859999999999998	70000	180	1008	43195 4
Text	193	Action	1482	464	12560000	157	0	1	44.229999999999997	80000	157	355	43195 4
Text	194	Action	1482	253	12320000	176	0	4	13.75	70000	176	1280	43195 4
Text	195	Action	1482	243	11940000	199	0	6	17.739999999999998	60000	199	1122	43195 4
Text	196	Action	1482	245	10860000	181	0	2	28.280000000000001	60000	181	640	43195 4
Text	197	Action	1482	83	10650000	107	0	10	7.429999999999997	99532.71027999999	107	1440	43195 4
Text	198	Action	1482	168	10600000	106	2	4	13.25	100000	104	800	43195 4
Text	199	Action	1482	338	10480000	135	0	3	19.149999999999999	77629.62962999996	135	705	43195 4
Text	200	Action	1482	321	10400000	208	0	1	47.710000000000001	50000	208	436	43195 4
Text	201	Action	1482	381	9720000	182	0	4	26.760000000000002	53406.59341000001	182	680	43195 4
Text	202	Comedy	1480	155	2520000	44	0	6	3.740000000000002	57272.72727000003	44	1176	43263 6
Text	203	Comedy	1480	225	1820000	52	0	6	3.819999999999998	35000	52	1361	43263 6
Text	204	Comedy	1480	477	450000	18	0	1	9.089999999999999	25000	18	198	43263 6
Text	205	Comedy	1480	466	90000	3	0	1	1.75	30000	3	171	43263 6
Text	206	Comedy	1480	155	1720000	30	0	6	2.549999999999998	57333.33333000001	30	1176	43262 6
Text	207	Comedy	1480	225	1470000	42	0	6	3.080000000000001	35000	42	1364	43262 6
Text	208	Comedy	1480	477	200000	4	0	1	2.02	50000	4	198	43262 6
Text	209	Comedy	1480	155	2480000	44	0	6	3.740000000000002	56363.636359999997	44	1176	43261 6

Perform SCD 1 & SCD2 dimension table modelling

SCD1





Properties Preview  Src_TE_FA_CarSales_Shipment

General Source Fields Partitions

Details

Connection: Soukya_SQLServer (SQL Server)

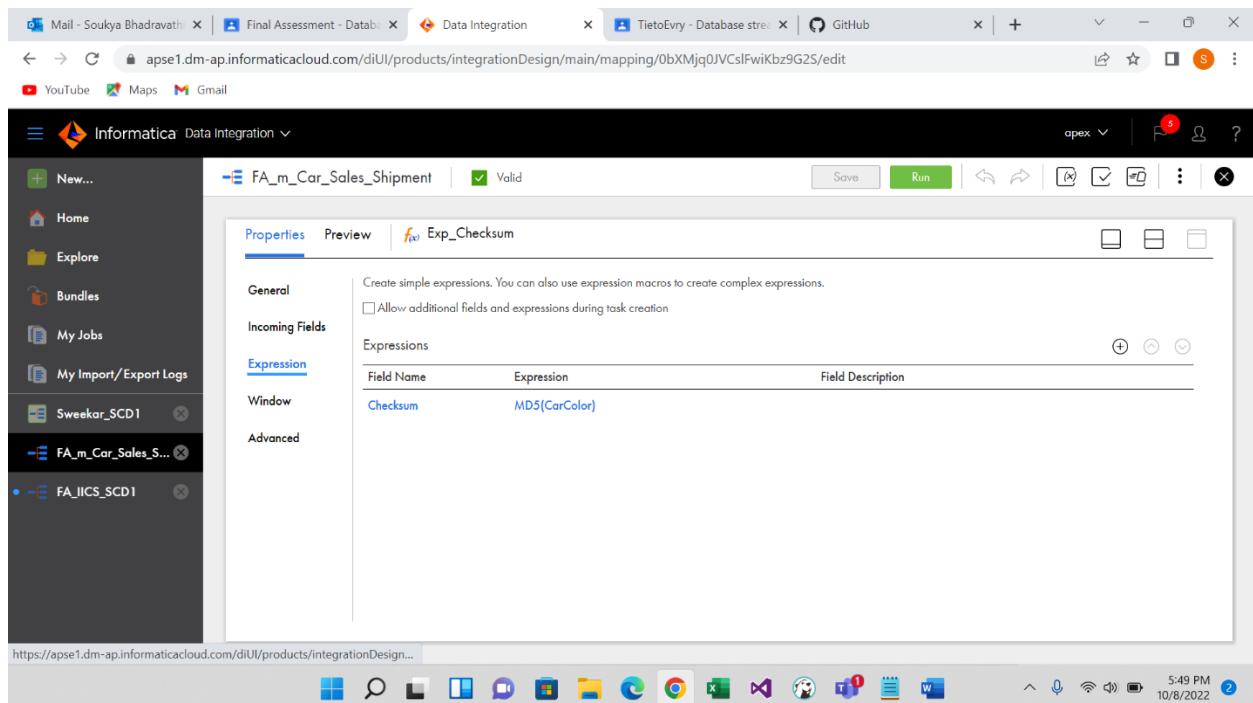
Source Type: Single Object

Object: TE_FA_CarSales_Shipment

Query Options

Advanced

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb55_1



Properties Preview  Exp_Checksum

General Incoming Fields Expression Window Advanced

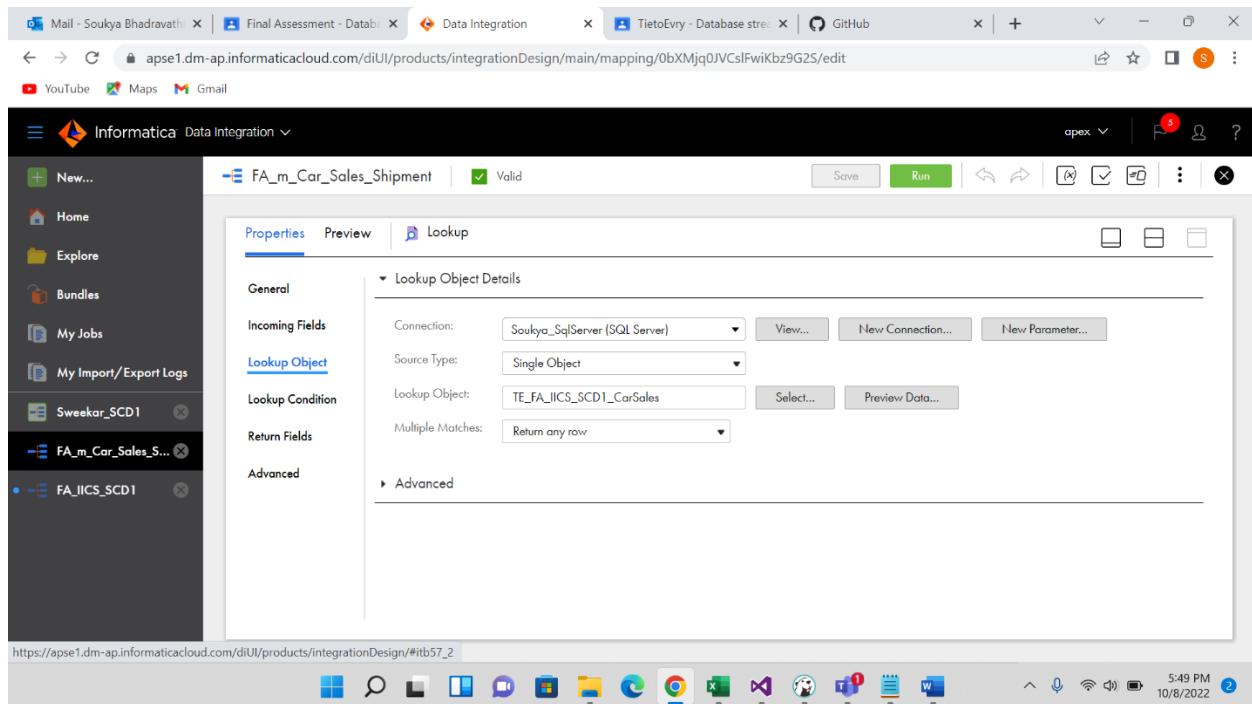
Create simple expressions. You can also use expression macros to create complex expressions.

Allow additional fields and expressions during task creation

Expressions

Field Name	Expression	Field Description
Checksum	MD5(CarColor)	

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign...



Informatica Data Integration

FA_m_Car_Sales_Shipment | Valid

Properties Preview Lookup

General Incoming Fields

Lookup Object Details

Connection: Soukya_SQLServer (SQL Server) View... New Connection... New Parameter...

Source Type: Single Object

Lookup Object: TE_FA_IICS_SCD1_CarSales Select... Preview Data...

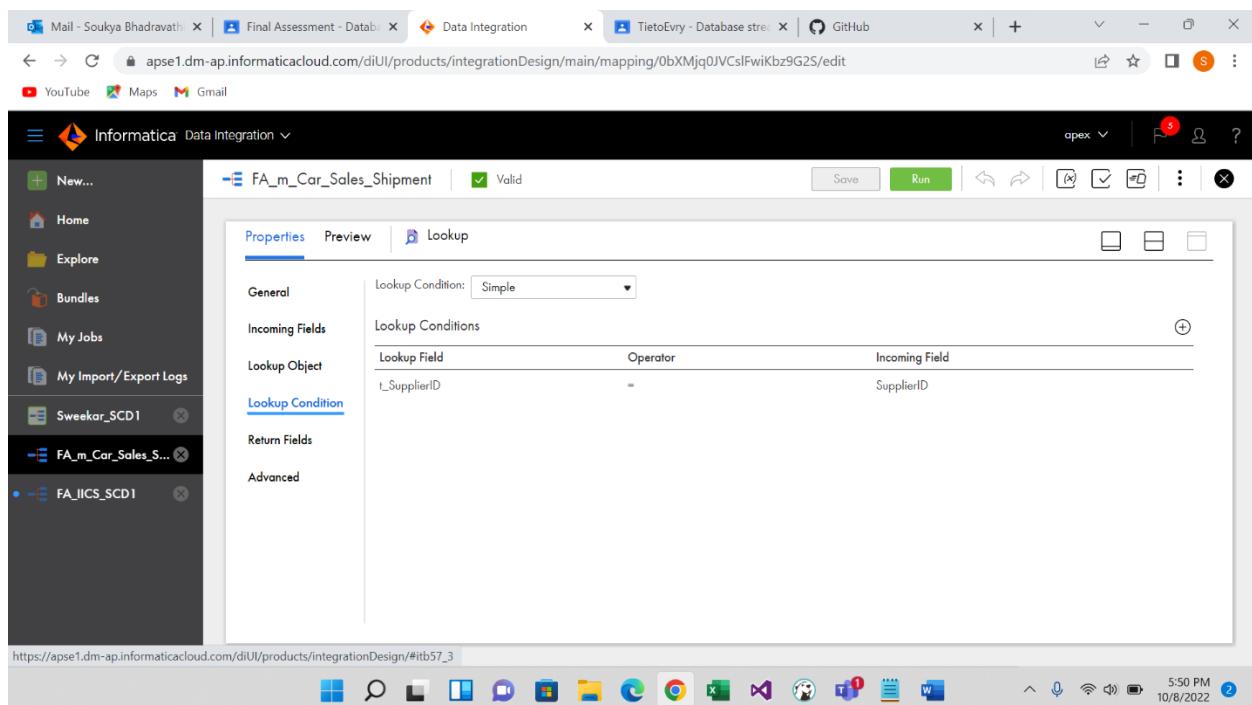
Multiple Matches: Return any row

Lookup Condition

Return Fields

Advanced

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb57_2



Informatica Data Integration

FA_m_Car_Sales_Shipment | Valid

Properties Preview Lookup

General Incoming Fields

Lookup Object Details

Lookup Condition: Simple

Lookup Conditions

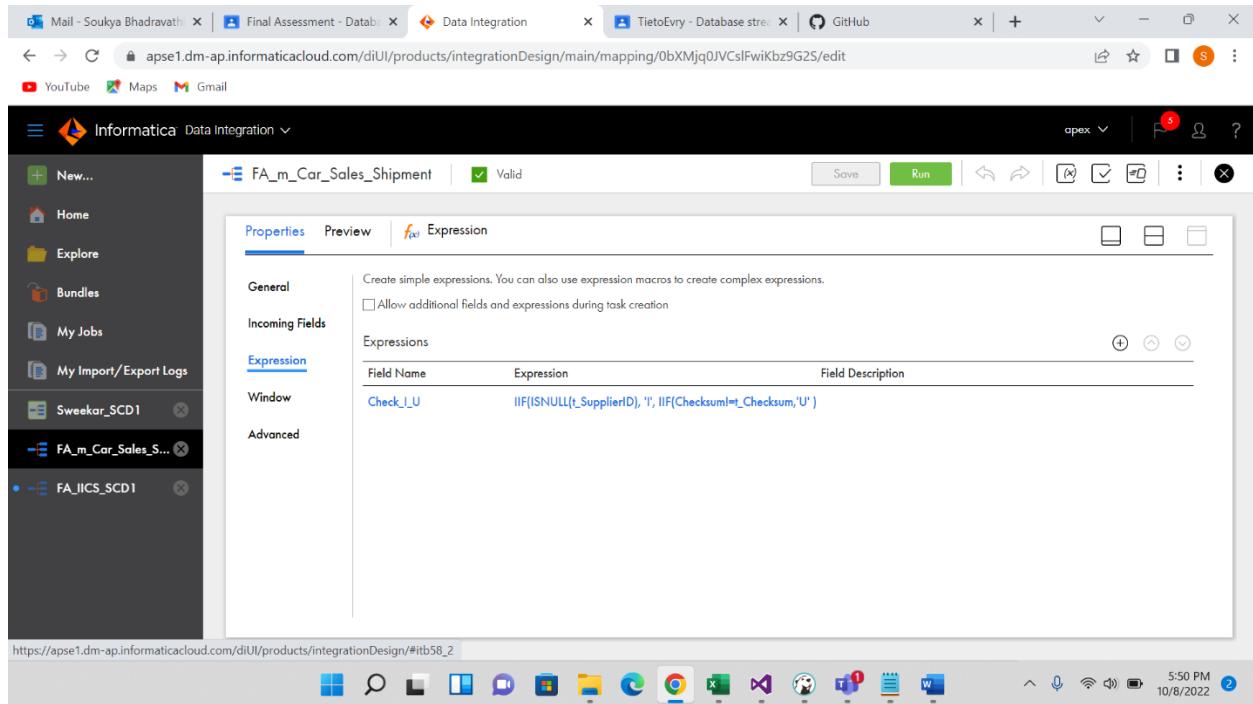
Lookup Field	Operator	Incoming Field
t_SupplierID	=	SupplierID

Lookup Condition

Return Fields

Advanced

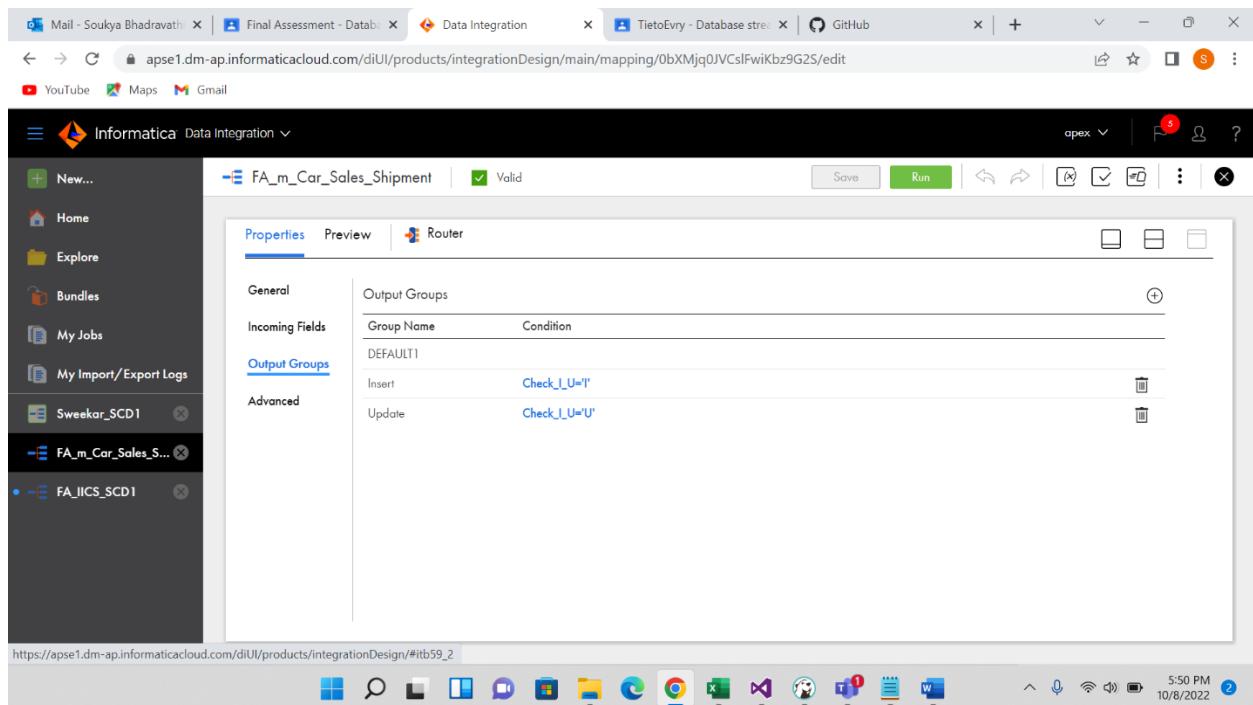
https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb57_3



The screenshot shows the Informatica Data Integration interface. The main window displays a mapping task titled "FA_m_Car_Sales_Shipment". The "Properties" tab is selected, showing the "Expression" section. The "Incoming Fields" section is visible on the left. The "Expressions" table contains one entry:

Field Name	Expression	Field Description
Check_L_U	IIF(ISNULL(t_SupplierID), 'I', IIF(Checksum!=t_Checksum, 'U'))	

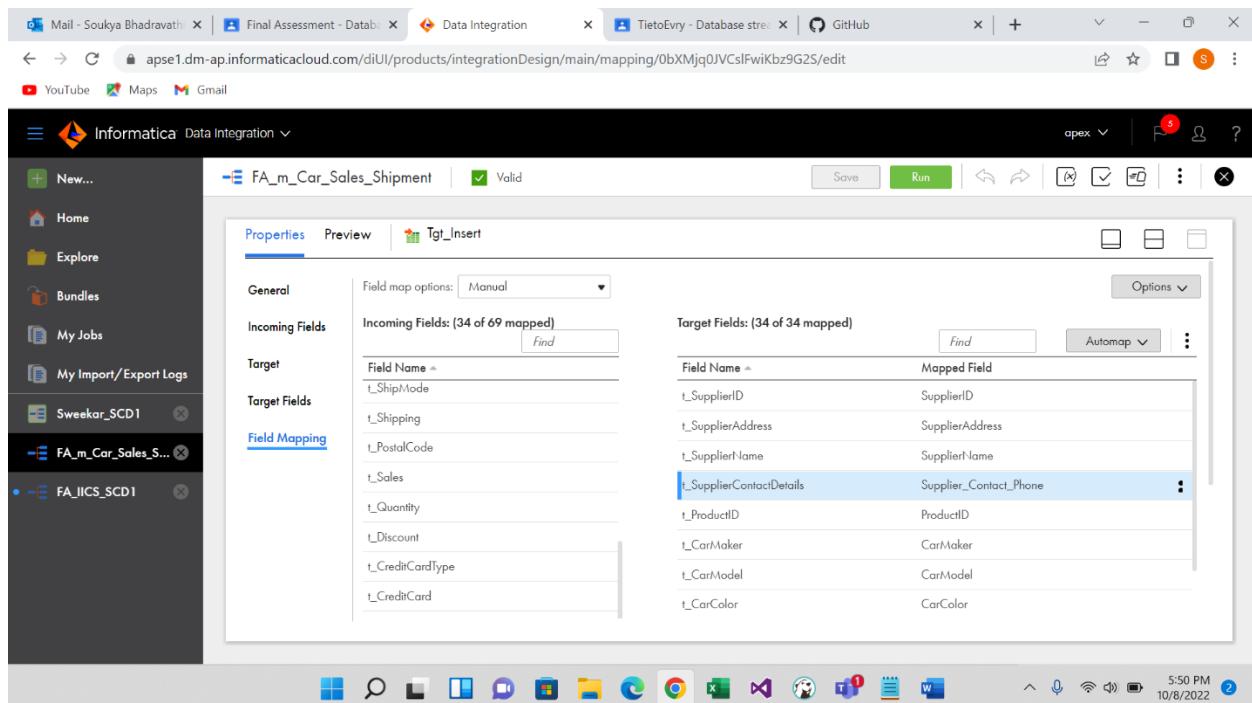
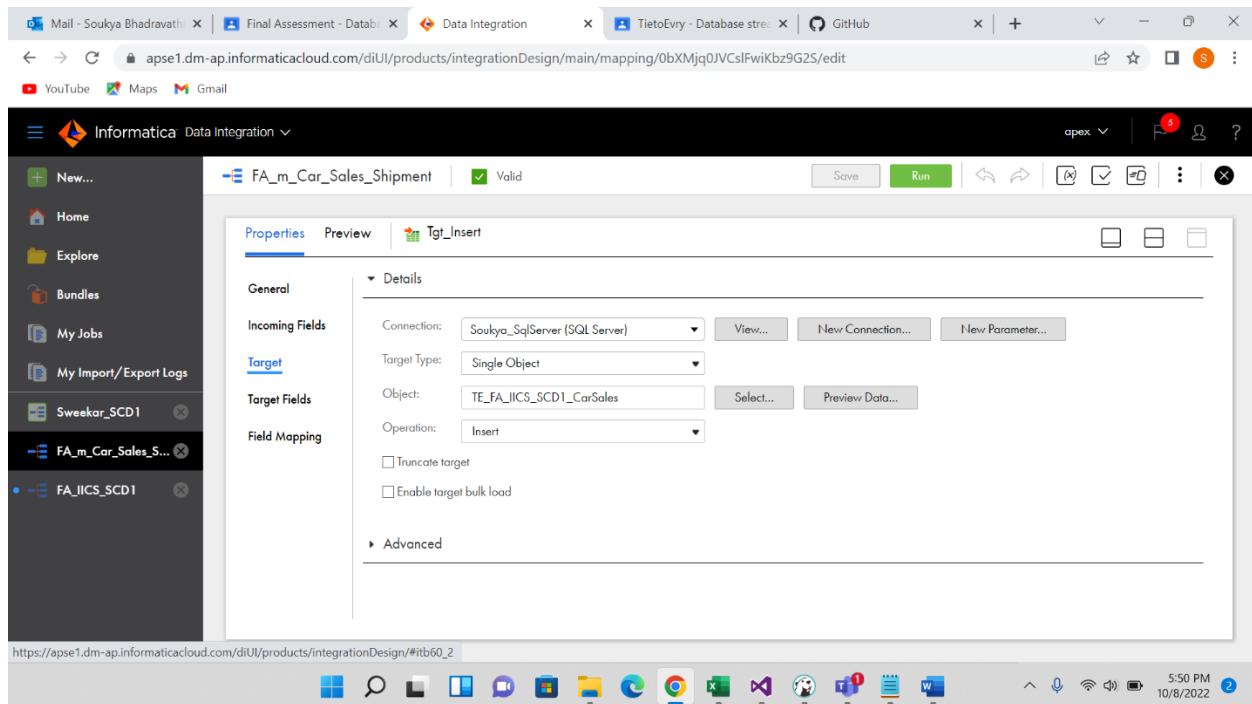
The status bar at the bottom shows the URL https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb58_2 and the date/time 10/8/2022 5:50 PM.



The screenshot shows the Informatica Data Integration interface. The main window displays a mapping task titled "FA_m_Car_Sales_Shipment". The "Properties" tab is selected, showing the "Router" section. The "Output Groups" section is visible on the left. The "Output Groups" table contains two entries:

Group Name	Condition
DEFAULT1	
Insert	Check_L_U='I'
Update	Check_L_U='U'

The status bar at the bottom shows the URL https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb59_2 and the date/time 10/8/2022 5:50 PM.



Properties Preview Tgt_Insert

General Incoming Fields Target Target Fields Field Mapping

Source Field	Target Field
t_Sales	
t_Quantity	CustomerAddress
t_Discount	OrderDate
t_CreditCardType	OrderID
t_CreditCard	ShipDate
t_CustomerFeedback	ShipMode
t_Checksum	Shipping
SupplierID	PostalCode
SupplierAddress	Sales
SupplierName	Quantity
t_SupplierID	Discount
t_ContactPhone	CreditCardType

Properties Preview Tgt_Update

General Incoming Fields Target Target Fields Field Mapping

Details

Connection: Soukya_SQLServer (SQL Server) View... New Connection... New Parameter...

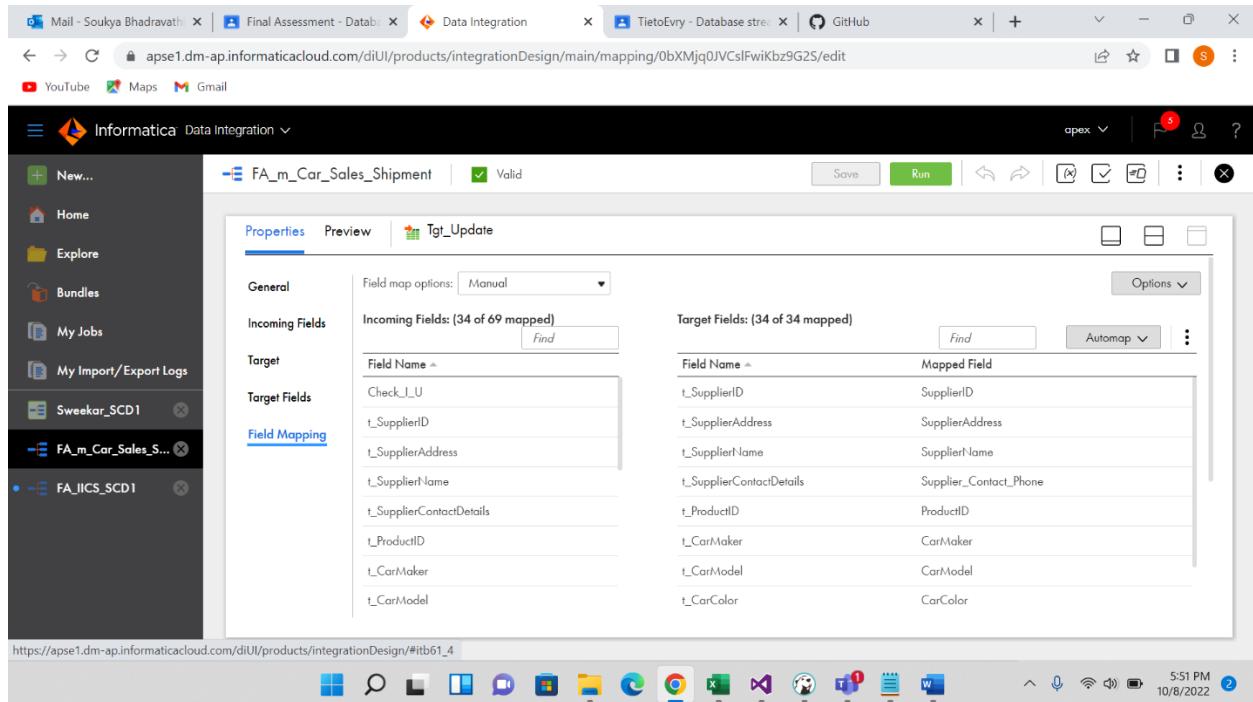
Target Type: Single Object

Object: TE_FA_IICS_SCD1_CarSales Select... Preview Data...

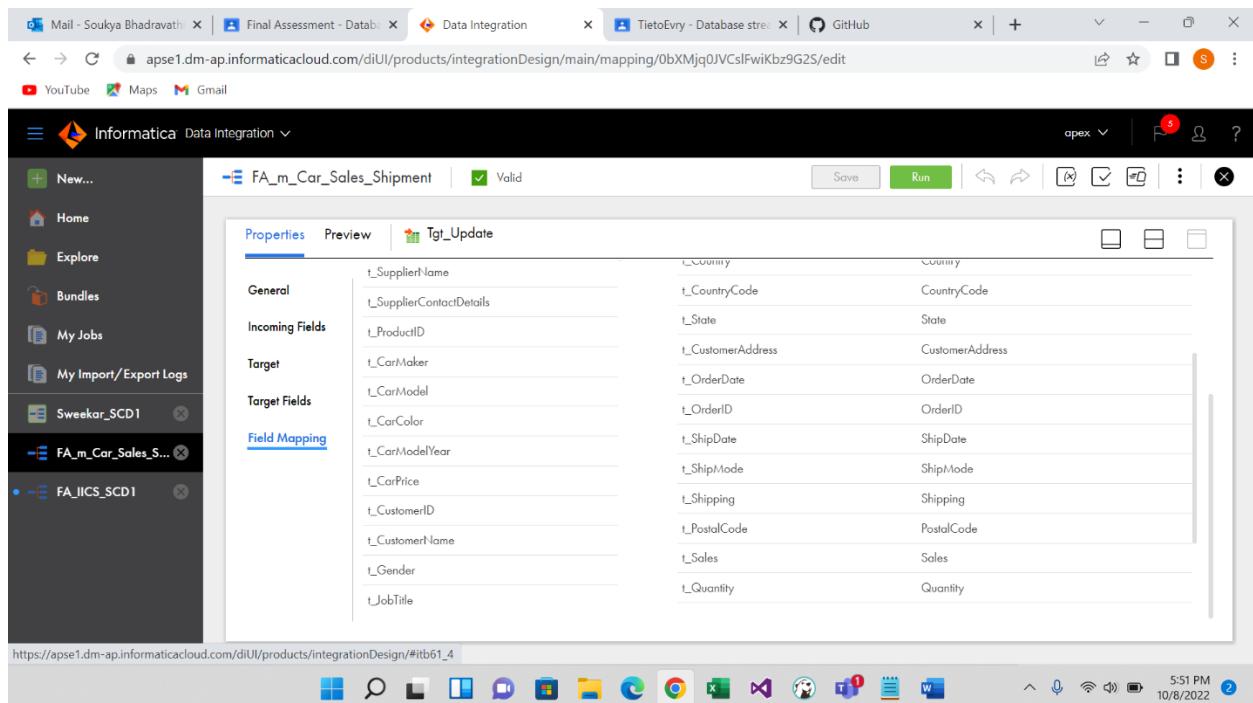
Operation: Update

Update Columns: t_SupplierID Edit...

Advanced



The screenshot shows the Informatica Data Integration interface. The main window displays a mapping preview for the 'FA_m_Car_Sales_Shipment' job. The 'Properties' tab is selected, showing 'Field map options: Manual'. The 'Incoming Fields' section lists 34 of 69 mapped fields, including 'Check_I_U', 't_SupplierID', 't_SupplierAddress', 't_SupplierName', 't_SupplierContactDetails', 't_ProductID', 't_CarMaker', and 't_CarModel'. The 'Target Fields' section lists 34 of 34 mapped fields, including 'SupplierID', 'SupplierAddress', 'SupplierName', 'Supplier_Contact_Phone', 'ProductID', 'CarMaker', 'CarModel', and 'CarColor'. A 'Field Mapping' table shows the detailed mapping between incoming and target fields. The table has two columns: 'Field Name' and 'Mapped Field'. The 'Field Name' column lists fields like 't_SupplierName', 't_SupplierContactDetails', 't_ProductID', etc. The 'Mapped Field' column lists fields like 'SupplierName', 'SupplierContactDetails', 'ProductID', etc. The interface includes a left sidebar with navigation links like 'New...', 'Home', 'Explore', 'Bundles', 'My Jobs', 'My Import/Export Logs', 'Sweekar_SCD1', 'FA_m_Car_Sales_S...', and 'FA_IICS_SCD1'. The bottom status bar shows the URL 'https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb61_4' and the system time '5:51 PM 10/8/2022'.



The screenshot shows the Informatica Data Integration interface, similar to the previous one but with a different set of target fields. The 'Properties' tab is selected, showing 'Field map options: Manual'. The 'Incoming Fields' section lists 17 mapped fields, including 't_SupplierName', 't_SupplierContactDetails', 't_ProductID', 't_CarMaker', 't_CarModel', 't_CarColor', 't_CarModelYear', 't_CarPrice', 't_CustomerID', 't_CustomerName', 't_Gender', and 't_JobTitle'. The 'Target Fields' section lists 17 mapped fields, including 'Country', 'CountryCode', 'State', 'CustomerAddress', 'OrderDate', 'OrderID', 'ShipDate', 'ShipMode', 'Shipping', 'PostalCode', 'Sales', and 'Quantity'. A 'Field Mapping' table shows the detailed mapping between incoming and target fields. The table has two columns: 'Field Name' and 'Target Field'. The 'Field Name' column lists fields like 't_SupplierName', 't_SupplierContactDetails', 't_ProductID', etc. The 'Target Field' column lists fields like 'Country', 'CountryCode', 'State', 'CustomerAddress', etc. The interface includes a left sidebar with navigation links like 'New...', 'Home', 'Explore', 'Bundles', 'My Jobs', 'My Import/Export Logs', 'Sweekar_SCD1', 'FA_m_Car_Sales_S...', and 'FA_IICS_SCD1'. The bottom status bar shows the URL 'https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb61_4' and the system time '5:51 PM 10/8/2022'.

Original record in source

The screenshot shows the DBBeaver interface with the following details:

- Top Bar:** DBBeaver 22.2.0 - <soukya> FA_IICS
- Menu Bar:** File, Edit, Navigate, Search, SQL Editor, Database, Window, Help
- Toolbar:** SQL, Commit, Rollback, Auto, soukya, dbo@soukya, Save, Open, Close, Refresh, Help
- Tab Bar:** <soukya> Normalization_Assessment, <soukya> FA_Commands_CarSales, <soukya> FA_IInsurance, <soukya> FA_SSIS, <soukya> Joins_Assessment, <soukya> FA_IJICS
- SQL Editor:** The query is:select * from TE_FA_IJICS_SCD1_CarSales
select * from TE_FA_CarSales_Shipment
- Results Grid:** The results of the first query are displayed in a table format. The columns are: SupplierID, SupplierAddress, SupplierName, Supplier_Contact_Phone, ProductID, CarMaker, CarModel, CarModelYear, CarPrice, CustomerID, and Cus. The data includes rows for various suppliers like Dayton Center, Tagopia, Zoomdog, Oozz, etc., with details like Dodge Ram 2500, Toyota Tundra, GMC Savana 1500, Volkswagen Cabriolet, etc.

Updated record in source

Supplier 1 (Car Color – Red)

DBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

<soukya> Normalization_Assessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_IICS

```
select * from TE_FA_IICS_SCD1_CarSales
select * from TE_FA_CarSales_Shipment
update TE_FA_CarSales_Shipment set CarColor = 'Red' where SupplierID = 1
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where SupplierID = 5
```

Results 1 ×

select * from TE_FA_CarSales_Shipment Enter a SQL expression to filter results (use Ctrl+Space)

SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	CustomerName
1	542 Dayton Center	Bubbletube	871-57-6028	8,893	Dodge	Ram 2500	Red	2,007	521,963.45	60760-224	Lou
2	0 674 Springview Circle	Tagopia	337-64-4060	9,444	Toyota	Tundra	Crimson	2,010	672,222.04	67457-594	Alex
3	3 70 Autumn Leaf Center	Zoomdog	218-19-1802	253	GMC	Savana 1500	Crimson	2,011	504,465.72	58411-135	Alvie
4	6 449 Corben Lane	Oozz	635-15-3112	1,283	Volkswagen	Cabriolet	Fuscia	1,990	646,077.11	0591-5307	Flint
5	9 54 Namekagon Point	Kare	849-23-6788	8,905	Mercury	Mariner	Neon	2,009	699,890.24	51655-189	Alys
6	6 46347 Dunning Drive	Rhynyx	378-57-0118	8,877	Toyota	Land Cruiser	Crimson	2,005	694,373.94	65811-0001	Wiat
7	7 85 Coleman Parkway	Roombio	479-97-2408	101	Subaru	Impreza	Indigo	1,999	546,977.55	31722-328	Find
8	8 30230 Westerfield Pass	Wordify	371-69-6870	8,854	BMW	X6	Purple	2,013	528,353.8	54162-018	Ottie
9	9 4 Coleman Street	Skyvu	717-19-7839	9,043	Mitsubishi	Galant	Orange	2,011	706,964.35	44911-0060	Kirst
10	10 100 Anholt Place	Feedfire	634-55-4653	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-5732	Arch
11	11 7 Esch Trail	Layo	547-88-4825	9,212	Mercedes-Benz	M-Class	Mauv	2,002	722,114.57	0955-1015	Duff
12	12 6 Meadow Vale Center	Oyoyo	440-82-9219	7,891	Ford	Taurus X	Crimson	2,008	761,182.83	54838-101	Barr
13	13 0972 Pepper Wood Lane	Quatz	803-82-7568	3,334	Mercedes-Benz	CL-Class	Red	2,011	568,015.89	49825-119	Libb
14	14 55262 Emmet Place	Gabvine	854-30-4179	8,898	Dodge	Avenger	Turquoise	2,008	646,591.02	54799-504	Der
15	15 330 Pennsylvania Plaza	Jaxspan	385-11-6886	4,531	Nissan	Pathfinder	Khaki	2,002	670,304.84	43742-0059	Creid
16	16 428 Meadow Ridge Alley	Mybuzz	632-59-2978	3,327	BMW	M3	Turquoise	2,009	728,986.85	68788-9728	Erv I

Final Assessment - Database Str... | +

apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/main/ActivityLogDetailsWS/011PZ9C1000000001NA/FA_m_Car_Sales_Shipment-2...

YouTube Maps Gmail

Informatica Data Integration

FA_m_Car_Sales_Shipment-2

Job Properties

Task Name: FA_m_Car_Sales_Shipment

Instance ID: 2

Task Type: Mapping

Started By: soukya_bv through UI

Start Time: Oct 8, 2022 5:15:19 AM

End Time: Oct 8, 2022 5:18:04 AM

Duration: 2 minutes, 45 seconds

Runtime Environment: Informatica Cloud Hosted Agent

Results

Status: Success

Success Rows: 1000

Errors: 0

Session Log: Download Session Log

Individual Source/Target Results

Name	Success Rows	Errors	Error Message	Actions
Src_TE_FA_CarSales_Shipment	1000	0		
Tgt_Insert (TE_FA_IICS_SCD1_CarSales)	1000	0		

Restart Refresh

10:20 AM 10/9/2022

DBBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto... soukya dbo@soukya

<soukya> NormalizationAssessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> JoinsAssessment <soukya> FA_IICS

```
t_CustomerFeedback nvarchar(255),
t_Checksum VARCHAR(100)
);

select * from TE_FA_IICS_SCD1_CarSales
```

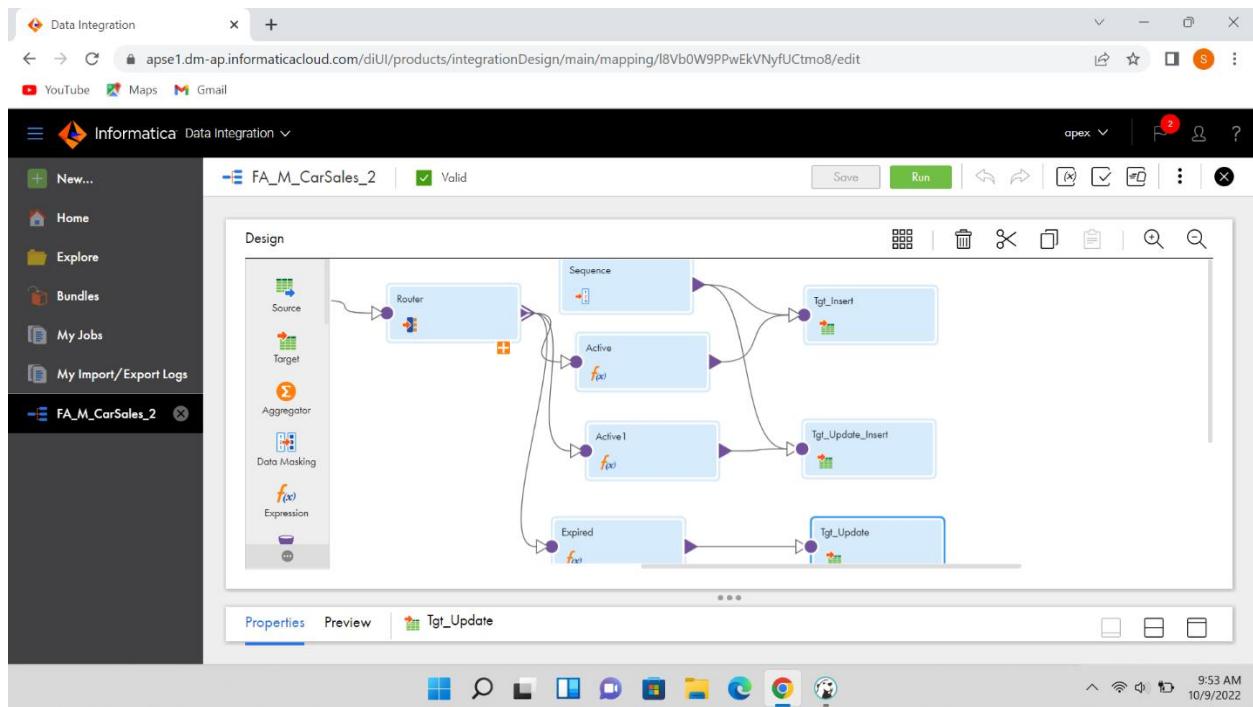
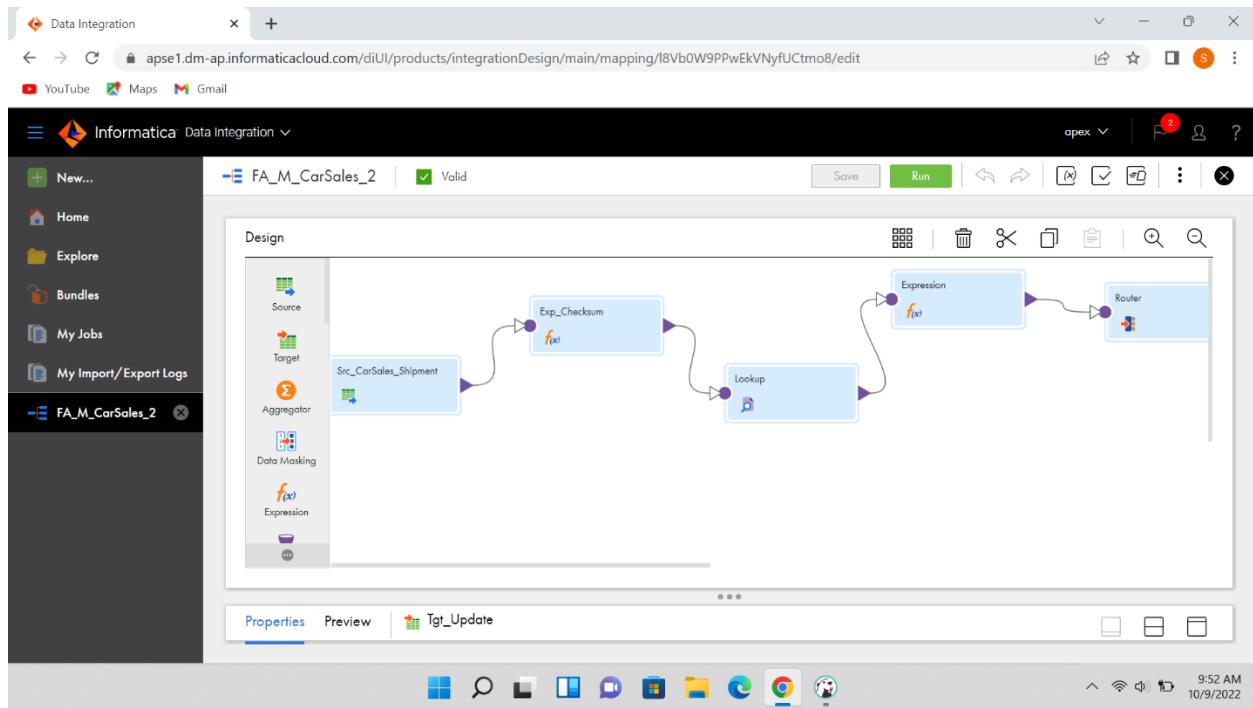
Results 1

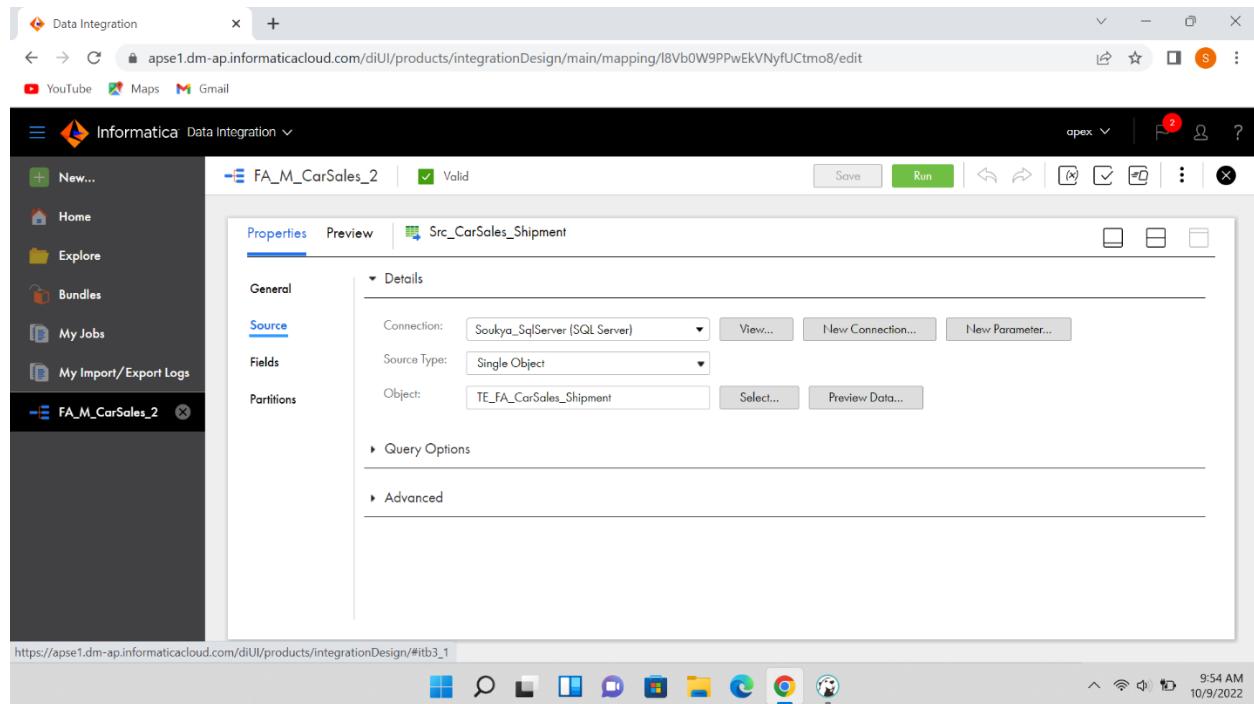
select * from TE_FA_IICS_SCD1_CarSales

t_SupplierID	t_SupplierAddress	t_SupplierName	t_SupplierContactDetails	t_ProductID	t_CarMaker	t_CarModel	t_CarColor	t_CarModelYear	t_CarPrice	t_Custo...
1	542 Dayton Center	Bubbletube	871-57-6028	8,893	Dodge	Ram 2500	Red	2,007	521,963.45	60760-224
2	0674 Springview Circle	Tagopia	337-64-4060	9,444	Toyota	Tundra	Crimson	2,010	672,222.04	67457-594
3	70 Autumn Leaf Center	Zoomdog	218-19-1802	253	GMC	Savana 1500	Crimson	2,011	504,465.72	58411-13
4	649 Corben Lane	Oozz	635-15-3112	1,283	Volkswagen	Cabriolet	Fuscia	1,990	646,077.11	0591-5307
5	94 Namekagon Point	Kare	849-23-6788	8,905	Mercury	Mariner	Neon	2,009	699,890.24	51655-185
6	46347 Dunning Drive	Rhynyx	378-57-0118	8,877	Toyota	Land Cruiser	Crimson	2,005	694,373.94	65811-00
7	85 Coleman Parkway	Roombo	479-97-2408	101	Subaru	Impreza	Indigo	1,999	546,977.55	31722-328
8	30230 Westerfield Pass	Wordify	371-69-6870	8,854	BMW	X6	Purple	2,013	528,353.8	54162-016
9	9 4 Coleman Street	Skyvu	717-19-7839	9,043	Mitsubishi	Galant	Orange	2,011	706,964.35	44911-00
10	100 Anhalt Place	Feedfire	634-55-4653	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-57
11	7 Esch Trail	Layo	547-88-4825	9,212	Mercedes-Benz	M-Class	Mauv	2,002	722,114.57	0955-101
12	6 Meadow Vale Center	Oyoyo	440-82-9219	7,891	Ford	Taurus X	Crimson	2,008	761,182.85	54838-101
13	0972 Pepper Wood Lane	Quatz	803-82-7568	3,334	Mercedes-Benz	CL-Class	Red	2,011	568,015.89	49825-115
14	55262 Emmet Place	Gabvine	854-30-4179	8,898	Dodge	Avenger	Turquoise	2,008	646,591.02	54799-504
15	330 Pennsylvania Plaza	Jaxspan	385-11-6886	4,531	Nissan	Pathfinder	Khaki	2,002	670,304.84	43742-00
16	428 Meadow Ridge Alley	Mybuzz	632-59-2978	3,327	BMW	M3	Turquoise	2,009	728,986.85	68788-97
17	26 Stuart Court	Gabcube	236-54-6347	7,975	Mercedes-Benz	R-Class	Puce	2,009	665,854.24	0228-267
18	73 Bellfuss Road	Lazz	329-80-2609	7,029	Honda	FCX Clarity	Yellow	2,012	707,705.42	21695-21

Save Cancel Script 200+ Rows: 1 200 row(s) fetched - 302ms (99ms fetch), on 2022-10-08 10:48 PM 10/8/2022

SCD2



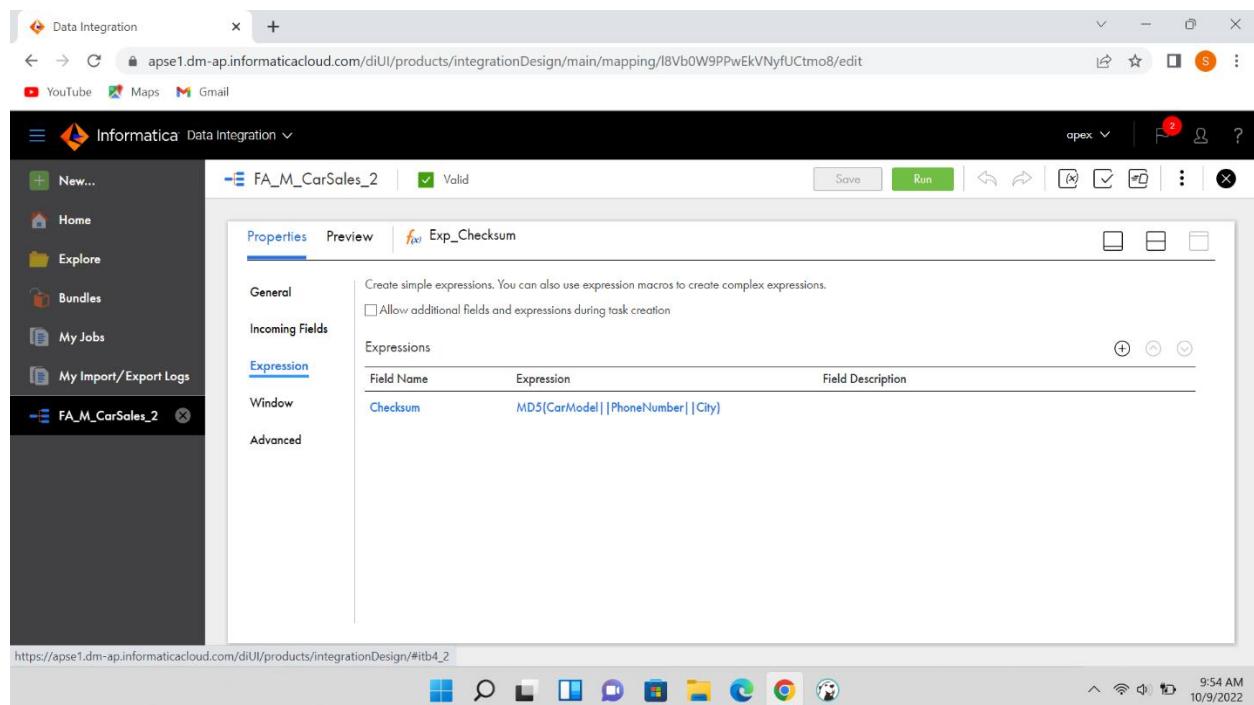


The screenshot shows the Informatica Data Integration interface. The left sidebar contains navigation links: New..., Home, Explore, Bundles, My Jobs, My Import/Export Logs, and FA_M_CarSales_2 (which is currently selected). The main workspace displays the properties of a source object named 'Src_CarSales_Shipment'. The 'Source' tab is selected, showing the following details:

- Connection: Soukya_SQLServer (SQL Server)
- Source Type: Single Object
- Object: TE_FA_CarSales_Shipment

Below the source properties, there are sections for 'Query Options' and 'Advanced'.

At the bottom of the screen, the URL is https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb3_1, and the system status bar shows the time as 9:54 AM 10/9/2022.



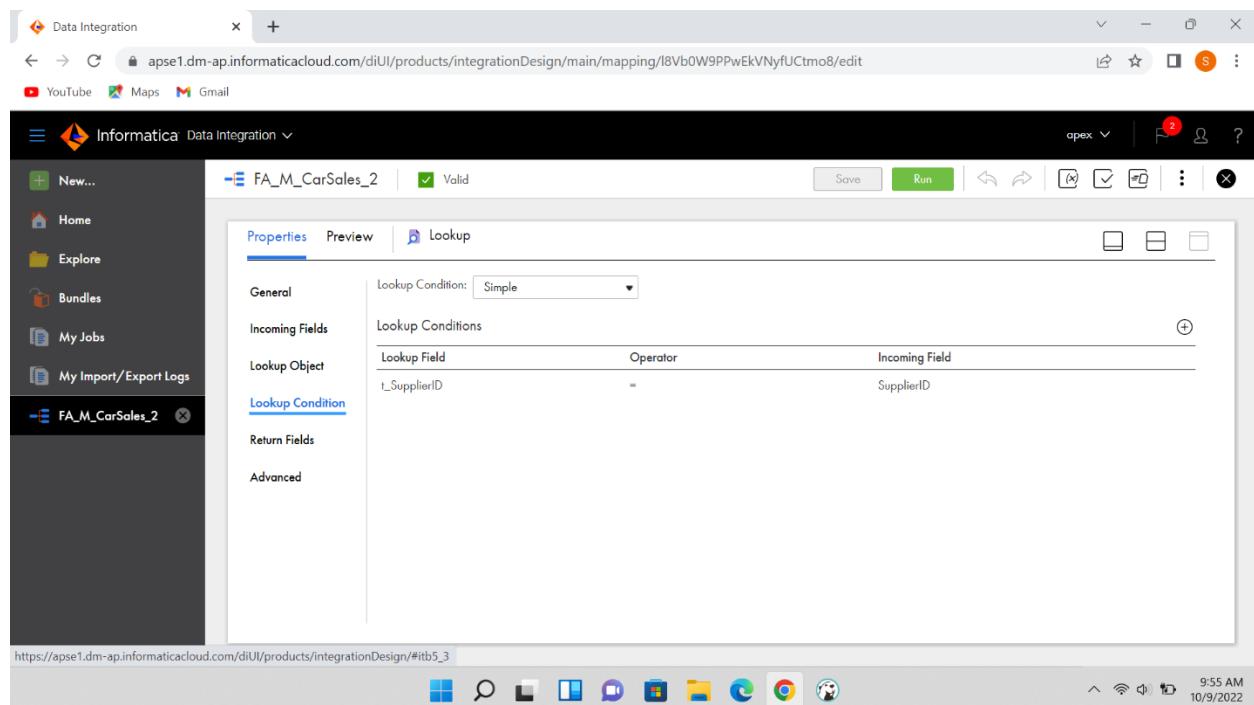
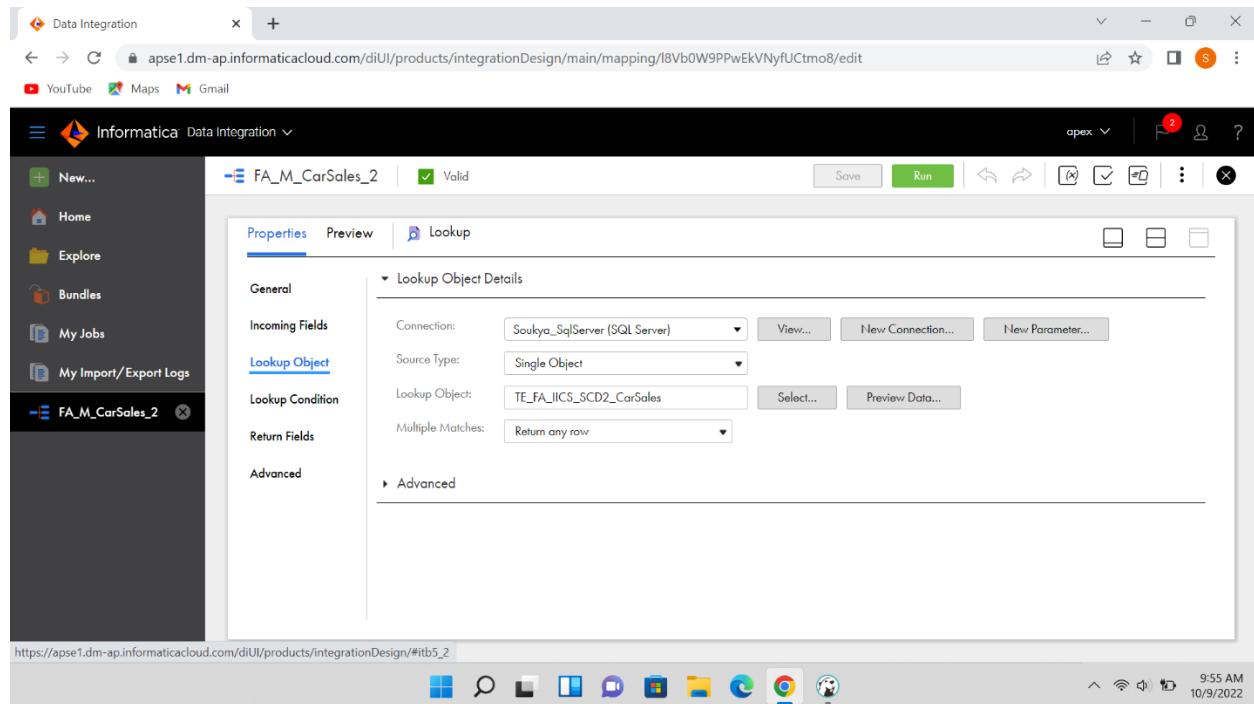
The screenshot shows the Informatica Data Integration interface. The left sidebar contains navigation links: New..., Home, Explore, Bundles, My Jobs, My Import/Export Logs, and FA_M_CarSales_2 (which is currently selected). The main workspace displays the properties of an expression object named 'Exp_Checksum'. The 'Expression' tab is selected, showing the following details:

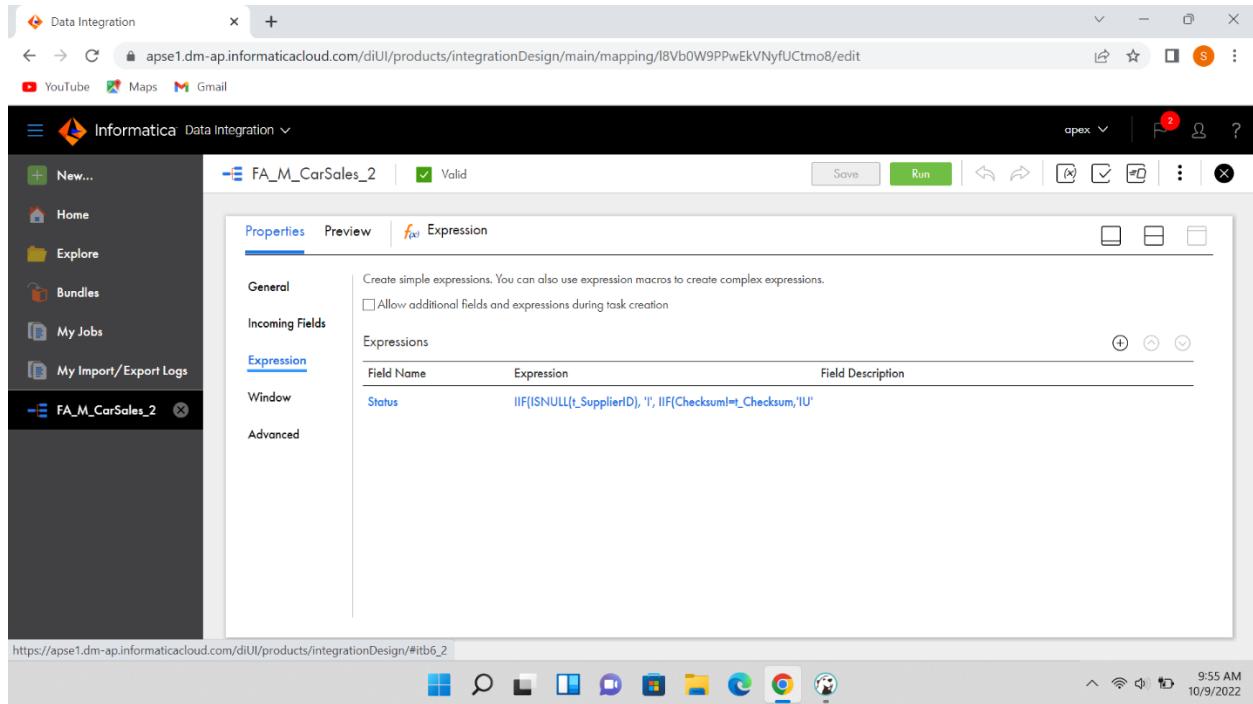
Expressions

Field Name	Expression	Field Description
Checksum	MD5(CarModel PhoneNumber City)	

Below the expression properties, there are sections for 'General', 'Incoming Fields', 'Window', and 'Advanced'.

At the bottom of the screen, the URL is https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb4_2, and the system status bar shows the time as 9:54 AM 10/9/2022.





The screenshot shows the Informatica Data Integration interface. The left sidebar contains navigation links: New..., Home, Explore, Bundles, My Jobs, My Import/Export Logs, and FA_M_CarSales_2 (which is currently selected). The main workspace displays the properties for the 'FA_M_CarSales_2' task. The 'Properties' tab is selected, showing the 'Expression' section. The 'Incoming Fields' section is expanded, showing a table with one row:

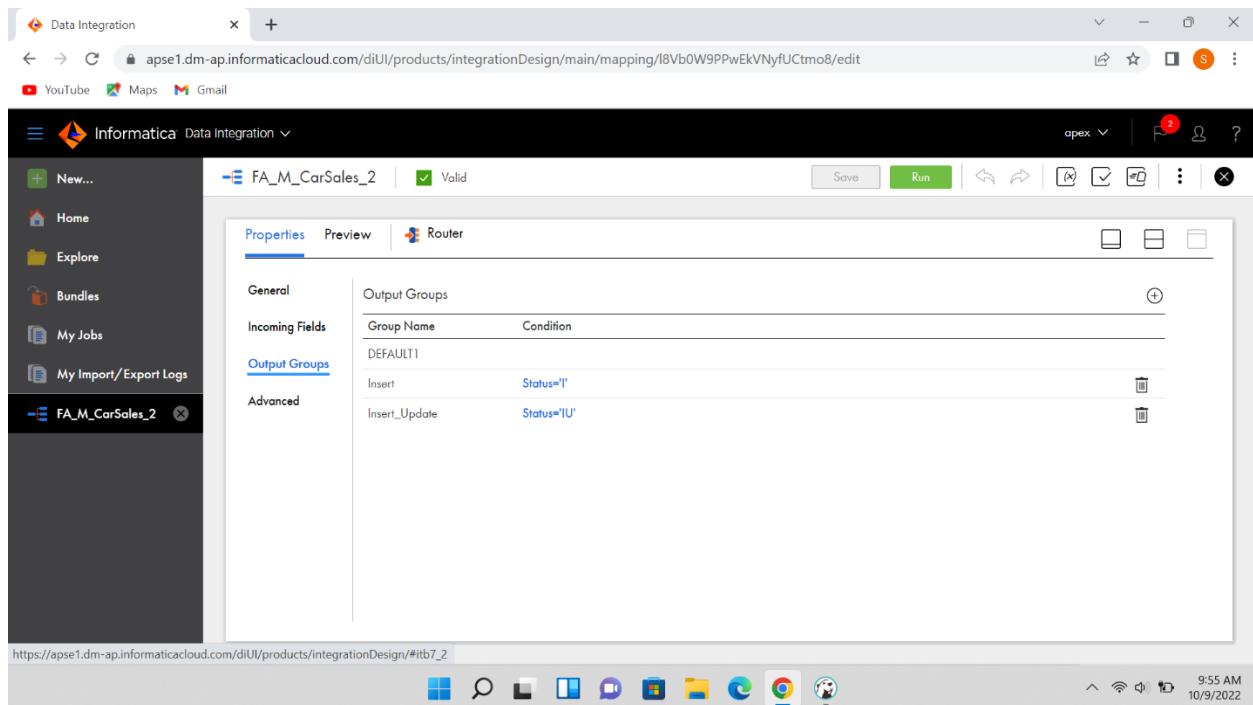
Field Name	Expression	Field Description
Status	IIF(ISNULL(t_SupplierID), 'I', IIF(Checksum!=t_Checksum, 'U'))	

The 'Expression' section contains the following text:

Create simple expressions. You can also use expression macros to create complex expressions.

Allow additional fields and expressions during task creation

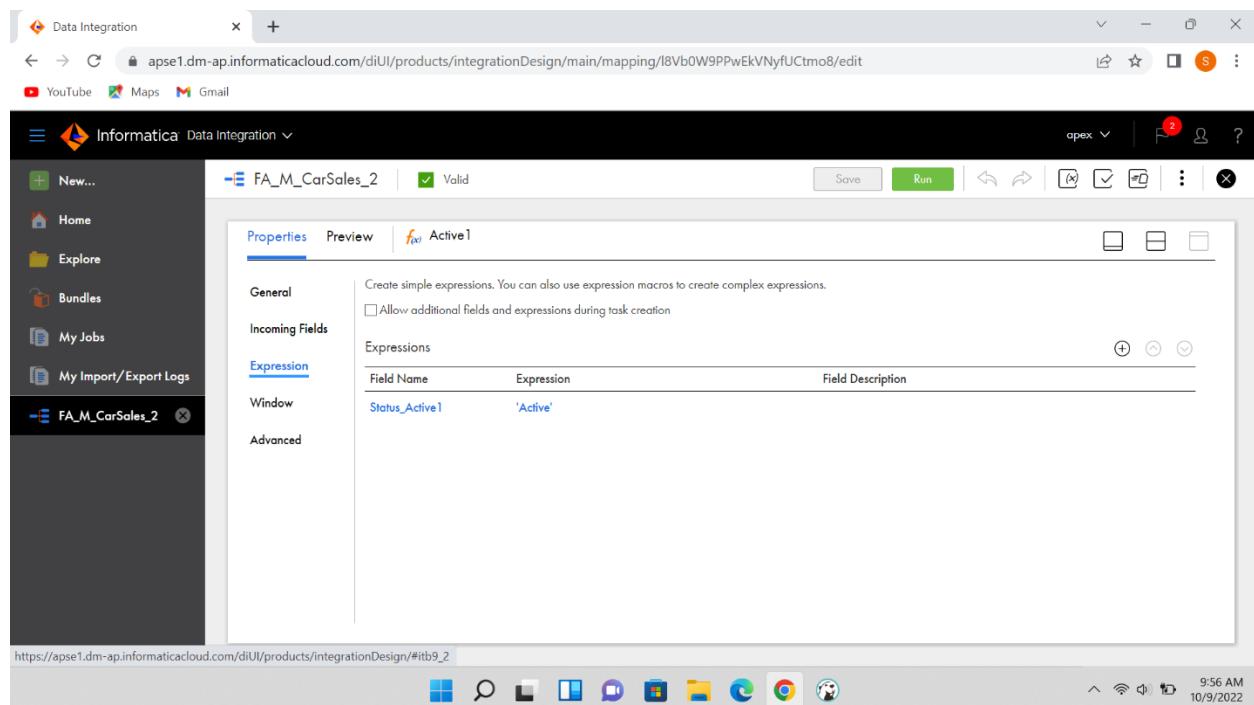
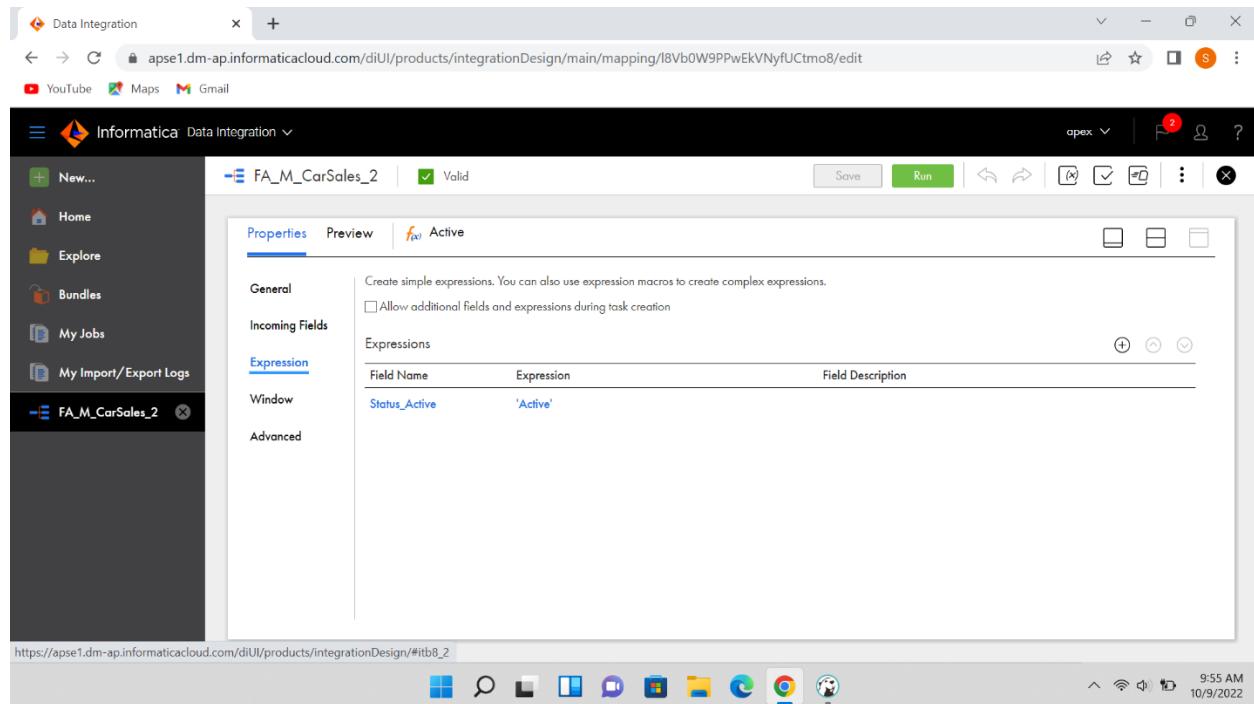
The status bar at the bottom shows the URL https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb6_2, the date 10/9/2022, and the time 9:55 AM.

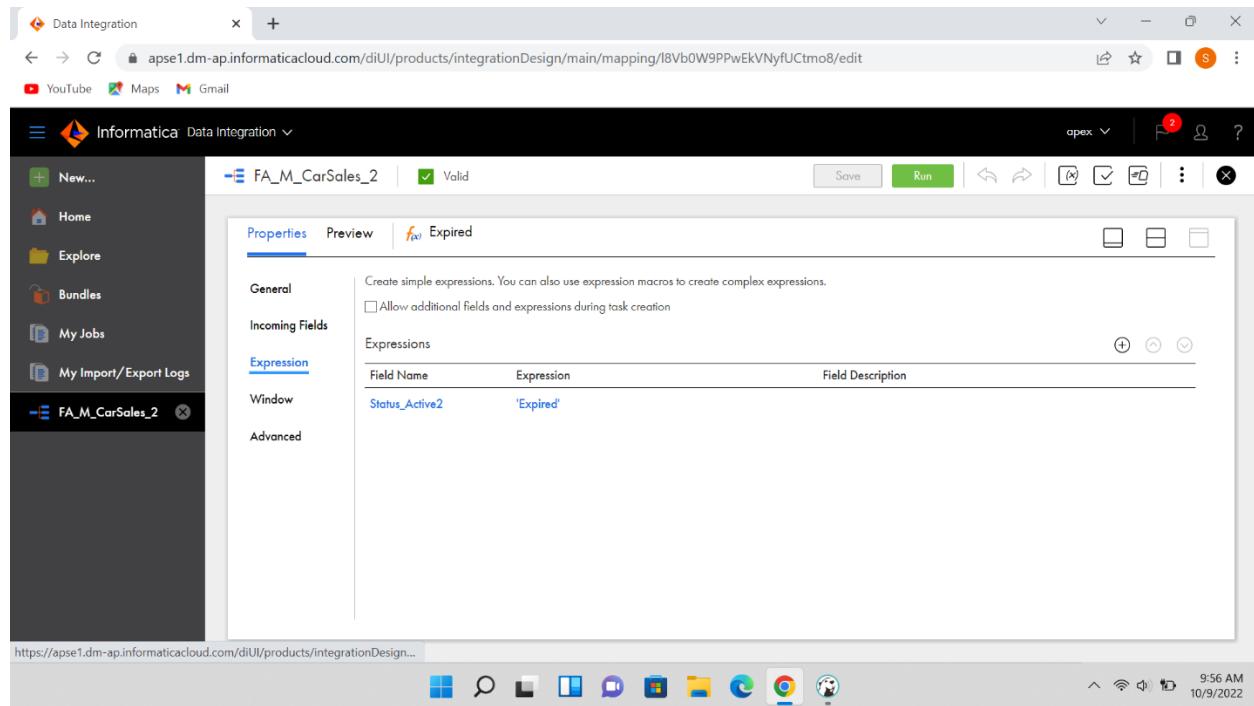


The screenshot shows the Informatica Data Integration interface, identical to the previous one but with the 'Router' properties selected. The 'Properties' tab is selected, showing the 'Router' section. The 'Output Groups' section is expanded, showing a table with two rows:

Group Name	Condition
DEFAULT1	
Insert	Status='I'
Insert..Update	Status='IU'

The status bar at the bottom shows the URL https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb7_2, the date 10/9/2022, and the time 9:55 AM.





FA_M_CarSales_2 | Valid

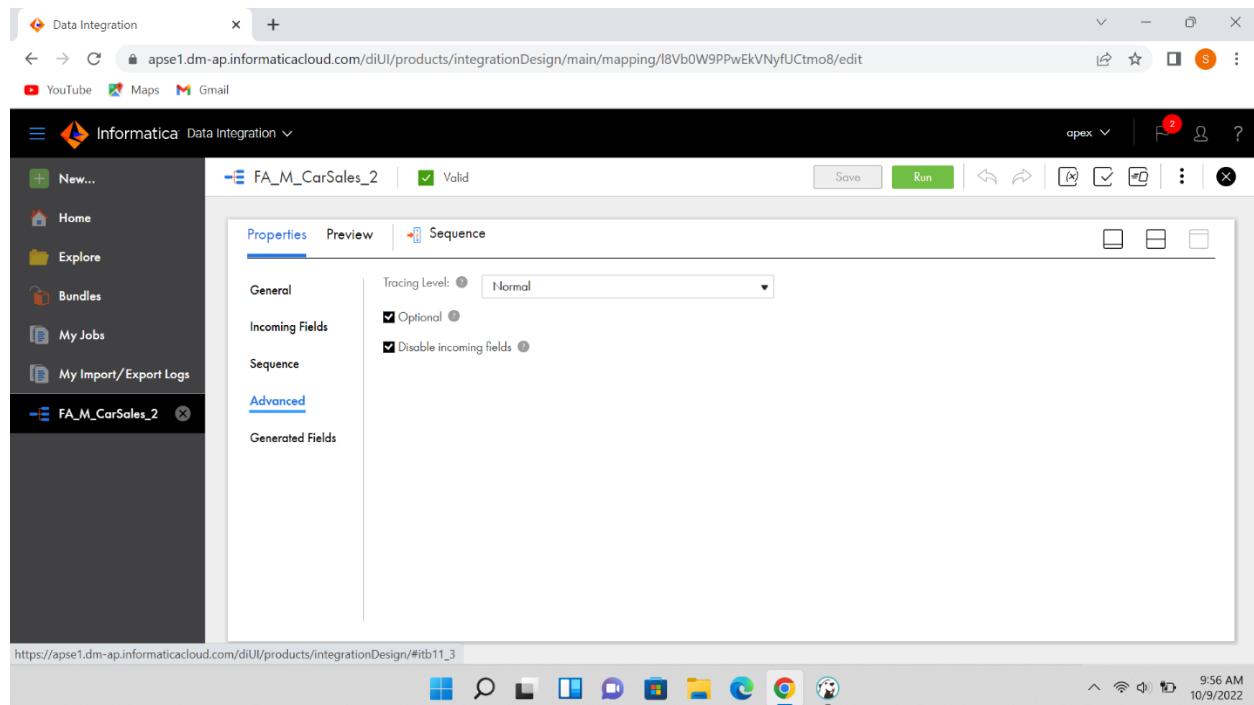
Properties Preview Expression

General Incoming Fields Expression

Expressions

Field Name	Expression	Field Description
Status_Active2	'Expired'	

Window Advanced



FA_M_CarSales_2 | Valid

Properties Preview Sequence

General Incoming Fields Sequence Advanced

Tracing Level: Normal

Optional

Disable incoming fields

Generated Fields

Data Integration +

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUCtmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

Properties Preview Tgt_Insert

General Incoming Fields Target Fields Field Mapping

Details

Connection: Soukya_SQLServer (SQL Server) View... New Connection... New Parameter...

Target Type: Single Object Object...

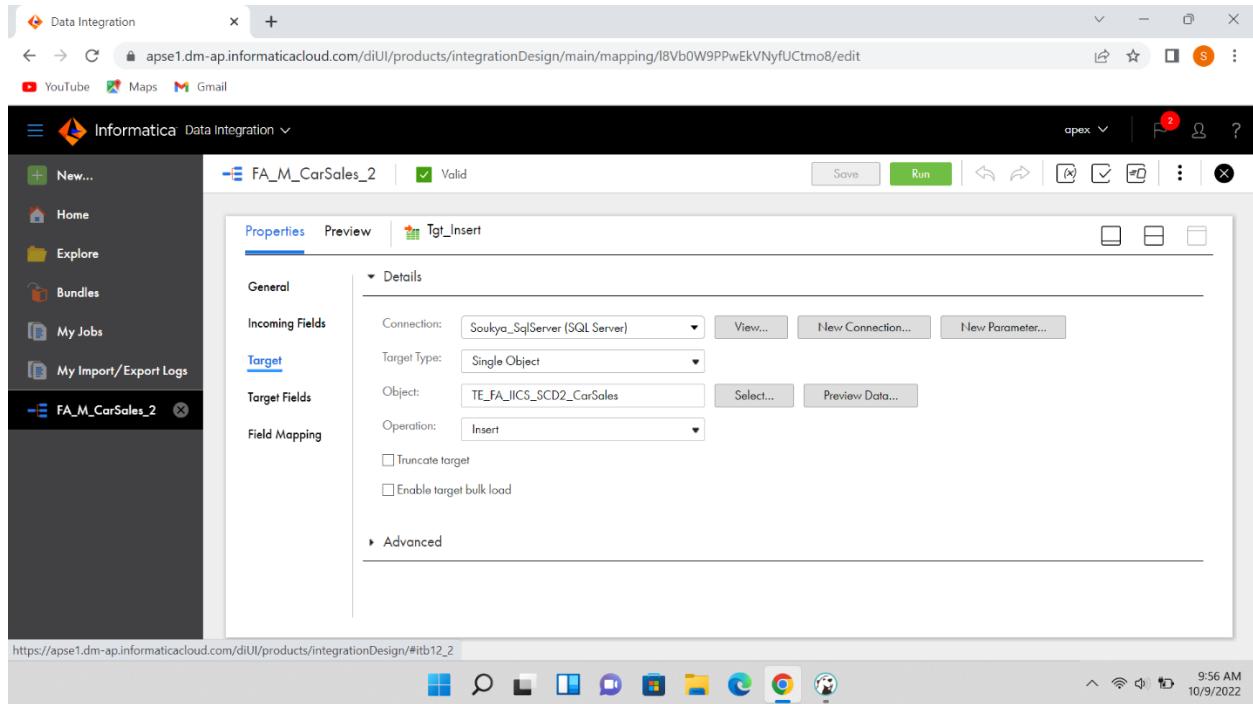
Object: TE_FA_IICS_SCD2_CarSales Select... Preview Data...

Operation: Insert Truncate target Enable target bulk load

Advanced

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb12_2

9:56 AM 10/9/2022



Data Integration +

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUCtmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

Properties Preview Tgt_Insert

General Incoming Fields Target Fields Field Mapping

Field map options: Manual

Incoming Fields: (36 of 74 mapped) Find Options

Target Fields: (36 of 36 mapped) Find Automap ...

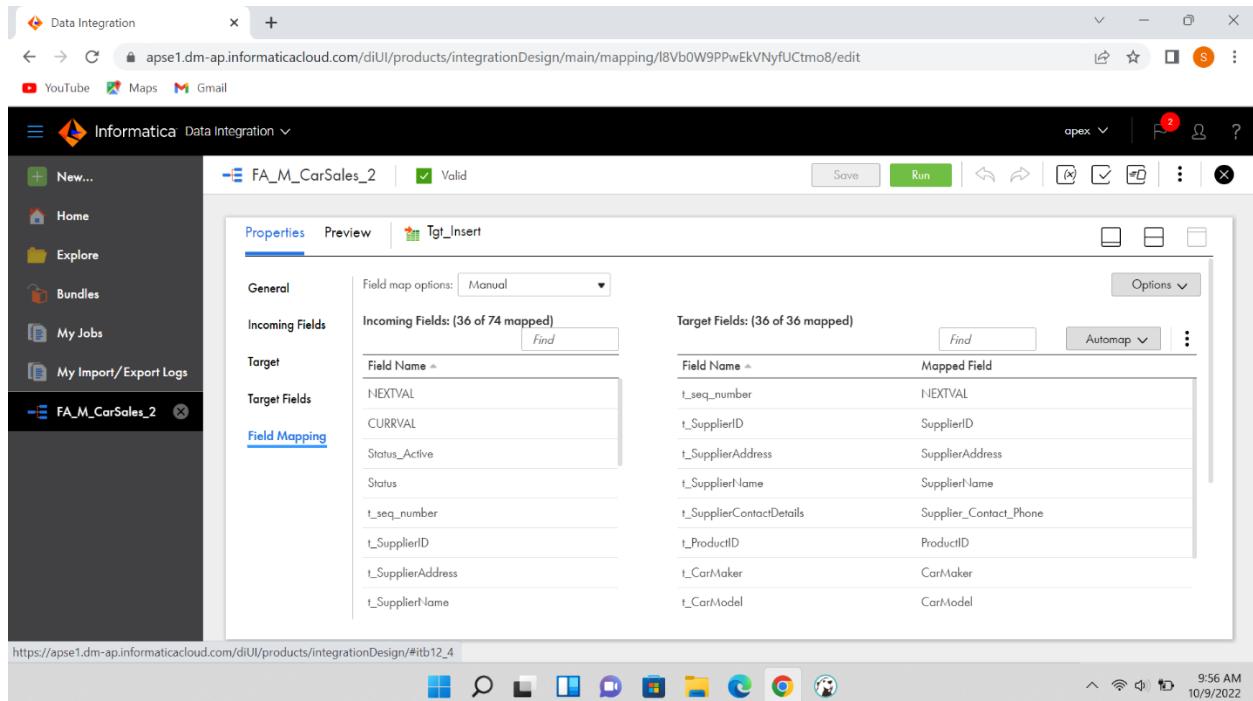
Field Name	Mapped Field
t_seq_number	NEXTVAL
t_SupplierID	SupplierID
t_SupplierAddress	SupplierAddress
t_SupplierName	SupplierName
t_SupplierContactDetails	Supplier_Contact_Phone
t_ProductID	ProductID
t_CarMaker	CarMaker
t_CarModel	CarModel

Field Name Find

Field Name Find Automap ...

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb12_4

9:56 AM 10/9/2022



Incoming Fields	Target Fields	Target
t_Status	t_ShipDate	ShipDate
t_seq_number	t_ShipMode	ShipMode
t_SupplierID	t_Shipping	Shipping
t_SupplierAddress	t_PostalCode	PostalCode
t_SupplierName	t_Sales	Sales
t_SupplierContactDetails	t_Quantity	Quantity
t_ProductID	t_Discount	Discount
t_CarMaker	t_CreditCardType	CreditCardType
t_CarModel	t_CreditCard	CreditCard
t_CarColor	t_Customerfeedback	Customerfeedback
t_CarModelYear	t_Checksum	Checksum
t_CarPrice	t_Status	Status_Active

Connection: Soukya_SQLServer (SQL Server)

Target Type: Single Object

Object: TE_FA_IICS_SCD2_CarSales

Operation: Insert

Truncate target

Enable target bulk load

Data Integration +

apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUctmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

Save Run Open

Properties Preview Tgt_Update_Insert

General Incoming Fields Target Fields Field Mapping

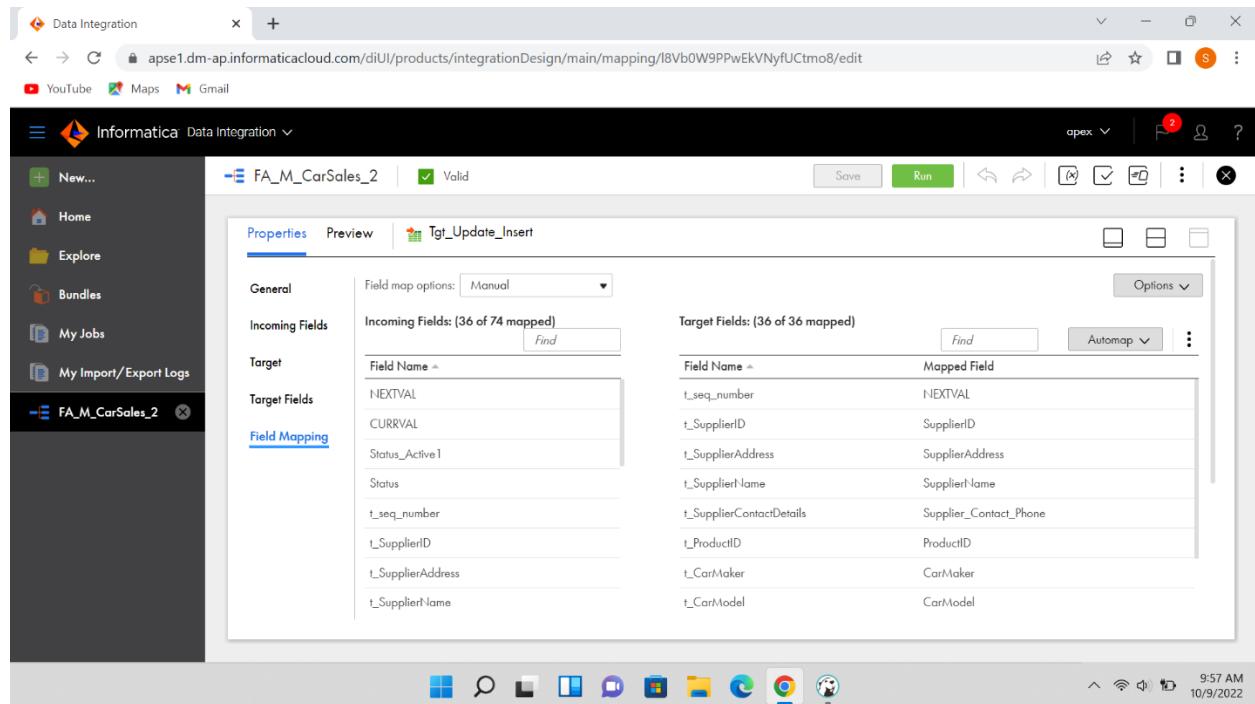
Field map options: Manual

Incoming Fields: (36 of 74 mapped) Find

Target Fields: (36 of 36 mapped) Find Automap Options

Field Name	Mapped Field
NEXTVAL	NEXTVAL
CURRVAL	SupplierID
Status_Active1	SupplierAddress
Status	SupplierName
t_seq_number	SupplierContactDetails
t_SupplierID	ProductID
t_SupplierAddress	CarMaker
t_SupplierName	CarModel

9:57 AM 10/9/2022



Data Integration +

apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUctmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

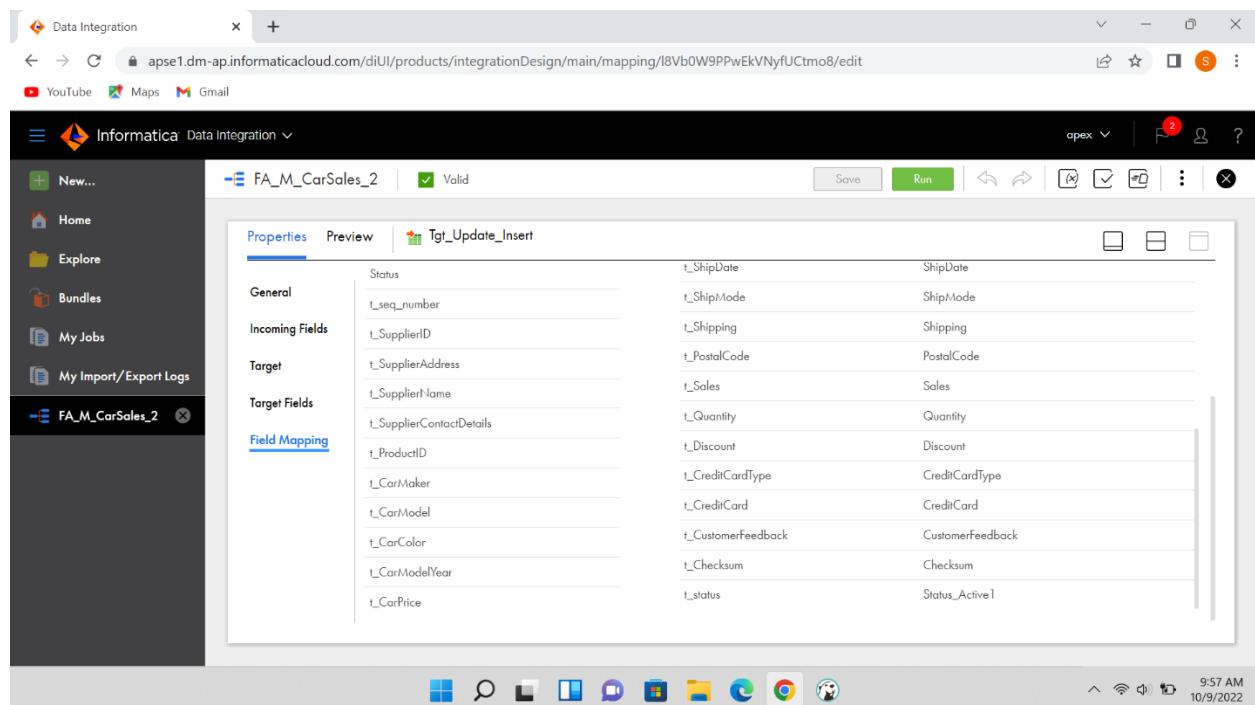
Save Run Open

Properties Preview Tgt_Update_Insert

General Incoming Fields Target Fields Field Mapping

General	Incoming Fields	Target Fields
Status	t_ShipDate	ShipDate
t_seq_number	t_ShipMode	ShipMode
t_SupplierID	t_Shipping	Shipping
t_SupplierAddress	t_PostalCode	PostalCode
t_SupplierName	t_Sales	Sales
t_SupplierContactDetails	t_Quantity	Quantity
t_ProductID	t_Discount	Discount
t_CarMaker	t_CreditCardType	CreditCardType
t_CarModel	t_CreditCard	CreditCard
t_CarColor	t_Customerfeedback	Customerfeedback
t_CarModelYear	t_Checksum	Checksum
t_CarPrice	t_Status	Status_Active1

9:57 AM 10/9/2022



Data Integration +

apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUCtmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

Properties Preview Tgt_Update

General Incoming Fields Target Target Fields Field Mapping

Details

Connection: Soukya_SQLServer (SQL Server) View... New Connection... New Parameter...

Target Type: Single Object Object...

Object: TE_FA_IICS_SCD2_CarSales Select... Preview Data...

Operation: Update Edit...

Update Columns: t_SupplierID Edit...

Advanced

https://apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/#itb14_2

9:57 AM 10/9/2022

Data Integration +

apse1.dm.ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/l8Vb0W9PPwEkVNyfUCtmo8/edit

YouTube Maps Gmail

Informatica Data Integration ?

FA_M_CarSales_2 | Valid

Properties Preview Tgt_Update

General Incoming Fields Target Target Fields Field Mapping

Field map options: Manual

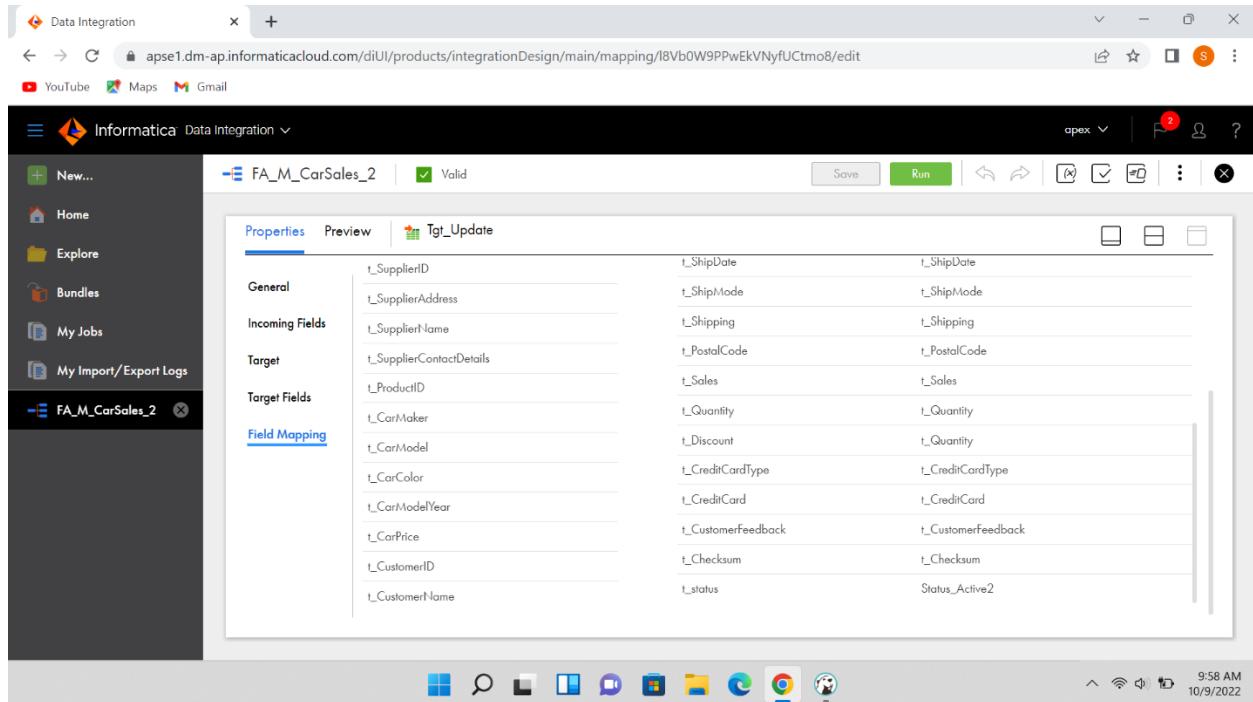
Incoming Fields: (35 of 72 mapped) Find Options

Field Name: Status_Active2, Status, t_seq_number, t_SupplierID, t_SupplierAddress, t_SupplierName, t_SupplierContactDetails, t_ProductID, t_CarMaker, t_ProductID

Target Fields: (36 of 36 mapped) Find Automap Options

Field Name	Mapped Field
t_seq_number	t_seq_number
t_SupplierID	t_SupplierID
t_SupplierAddress	t_SupplierAddress
t_SupplierName	t_SupplierName
t_SupplierContactDetails	t_SupplierContactDetails
t_ProductID	t_ProductID
t_CarMaker	t_CarMaker
t_ProductID	t_CarModel

9:57 AM 10/9/2022



Updates in source table

DBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya ...

<soukya> Normalization_Assessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_IICS <soukya> FA_CarSales_Shipment

```

select t_seq_number, t_ProductID, t_CarModel, t_Status from TE_FA_IICS_SCD2_CarSales where t_CarModel = 'Toronto'
select * from TE_FA_IICS_SCD2_CarSales
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where SupplierID = 5

select * from TE_FA_IICS_SCD2_CarSales where t_SupplierID in(2,6,3)

select * from TE_FA_CarSales_Shipment

update TE_FA_CarSales_Shipment set CarModel = 'SUV',PhoneNumber = '234156783',City = 'Charleston' where SupplierID = 2
update TE_FA_CarSales_Shipment set PhoneNumber = '452618163',City = 'Boston' where SupplierID = 6
update TE_FA_CarSales_Shipment set CarModel = 'Sedan' where SupplierID = 3

```

Results 1

	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	CustomerName	Gender	JobTitle	PhoneNumber	EmailAddress	City
1	Sedan	Red	2,007	521,963.45	60760-224	Louie Hinsche	Male	Mechanical Systems Engineer	2222222222	lhinsche@comcast.net	Boston
2	SUV	Crimson	2,010	672,222.04	67457-594	Alexandros Manuel	Male	Structural Engineer	234156783	amanuel1@usnews.com	Charleston
3	Sedan	Crimson	2,011	504,465.72	58411-135	Alvie Weighell	Male	Systems Administrator III	312-561-8337	awieghell2@nature.com	Chicago
4	Cabriolet	Fuscia	1,990	646,077.11	0591-5307	Flint Gunston	Male	Operator	34562881	fgunston3@mozilla.org	Charleston
5	Eastern	Neon	2,009	698,890.24	51655-189	Alyssa Filpi	Female	Software Engineer III	313-870-7247	a.filpi4@webs.com	Boston
6	Land Cruiser	Crimson	2,005	694,373.94	65811-0001	Witt Picha	Male	Professor	452618163	wpiche5@deviantart.com	Boston
7	Impreza	Indigo	1,999	546,977.55	31722-322	Findlay Alberti	Male	Biostatistician III	617-524-1910	falberti6@google.com.br	Boston
8	X6	Purple	2,013	528,353.8	54162-018	Ottlie Wittman	Female	Administrative Officer	304-526-4427	owittman7@nps.gov	Charleston
9	Galant	Orange	2,011	706,964.35	44911-0060	Kirsten Calvey	Female	Assistant Manager	623-594-6668	kcalvey8@google.cn	Phoenix
10	Justy	Crimson	1,988	798,573.59	54868-5732	Archer Landsborough	Male	Speech Pathologist	408-440-1522	alandsborough9@chron.com	San Jose
11	M-Class	Mauv	2,002	722,114.57	0955-1015	Duff Dodgshun	Male	Developer I	973-213-3415	ddodgshuna.imgur.com	Newark
12	Taurus X	Crimson	2,008	761,182.85	54838-101	Barry Delves	Female	Analog Circuit Design manager	315-420-4107	b.delvesb@zimbioc.com	Syracuse

Informatica Data Integration

My Jobs | Data Integration

Jobs (64) Up to date Updated 9:29:16 PM PDT

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_M_CarSales_2-15	Soukya		Oct 8, 2022, 9:16 PM	Oct 8, 2022, 9...	12	Success
FA_M_CarSales_2-14	Soukya		Oct 8, 2022, 9:12 PM	Oct 8, 2022, 9...	6	Success
FA_M_CarSales_2-12	Soukya		Oct 8, 2022, 12:02 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-11	Soukya		Oct 8, 2022, 11:57 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-10	Soukya		Oct 8, 2022, 11:50 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-9	Soukya		Oct 8, 2022, 11:40 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-8	Soukya		Oct 8, 2022, 11:38 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-7	Soukya		Oct 8, 2022, 11:31 ...	Oct 8, 2022, 1...	4	Warning
FA_M_CarSales_2-6	Soukya		Oct 8, 2022, 11:25 ...	Oct 8, 2022, 1...	4	Warning

1 - 25 of 64 Items per Page: 25

DBBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

<soukya> Normalization.Assessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_IICS

```

*select Film_Type,capacity,Max_Capacity,Copy_of_ticket_price,Avg_Ticket_Price,Copy_of_tickets_sold,Max_Ticket_Sold,Copy_of_total_sales,Max_Total_Sales,
Copy_of_film_code,Count_Cinema_Code from TE_FA_IICS_Agg_CinemaTicket

select * from TE_FA_CarSales_Shipment

*update TE_FA_CarSales_Shipment set CarModel = 'SUV',PhoneNumber = '234156783',City = 'Charleston' where SupplierID = 2
update TE_FA_CarSales_Shipment set PhoneNumber = '452618163',City = 'Boston' where SupplierID = 6
update TE_FA_CarSales_Shipment set CarModel = 'Sedan' where SupplierID = 3

select * from TE_FA_IICS_SCD2_CarSales where t_SupplierID in(2,6,3)

```

Results 1

select * from TE_FA_IICS_SCD2_CarSales where t_SupplierID Enter a SQL expression to filter results (use Ctrl+Space)

Grid	t_CarModelYear	t_CarPrice	t_CustomerID	t_CustomerName	t_Gender	t_JobTitle	t_PhoneNumber	t_EmailAddress	t_City	t_Country	t_CountryCode
1	2,010	672,222.04	67457-594	Alexandros Manuel	Male	Structural Engineer	320-943-9301	amaranuel1@usnews.com	Saint Cloud	United States	US
2	2,011	504,465.72	58411-135	Alvie Weighell	Male	Systems Administrator III	312-561-8337	awieghell2@nature.com	Chicago	United States	US
3	2,005	694,373.94	65811-0001	Wiat Piche	Male	Professor	404-590-7068	wpiche5@deviantart.com	Atlanta	United States	US
4	2,005	694,373.94	65811-0001	Wiat Piche	Male	Professor	452618163	wpiche5@deviantart.com	Boston	United States	US
5	2,010	672,222.04	67457-594	Alexandros Manuel	Male	Structural Engineer	234156783	amaranuel1@usnews.com	Charleston	United States	US
6	2,011	504,465.72	58411-135	Alvie Weighell	Male	Systems Administrator III	312-561-8337	awieghell2@nature.com	Chicago	United States	US

Save Cancel Script 200 6 Rows: 1 6 row(s) fetched - 280ms, on 2022-10-09 at 10:00:01 IST en Writable Smart Insert 104 : 1 [67] Set: 67 | 1

DBeaver 22.2.0 - <soukya> FA_IICS

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback soukya dbo@soukya soukya FA_SSIS soukya Joins_Assessment *soukya FA_IICS

```

select Film_Type,capacity,Max_Capacity,Copy_of_ticket_price,Avg_Ticket_Price,Copy_of_tickets_sold,Max_Ticket_Sold,Copy_of_total_sales,Max_Total_Sales,
Copy_of_film_code,Count_Cinema_Code from TE_FA_IICS_Agg_CinemaTicket

select * from TE_FA_CarSales_Shipment

update TE_FA_CarSales_Shipment set CarModel = 'SUV',PhoneNumber = '234156783',City = 'Charleston' where SupplierID = 2
update TE_FA_CarSales_Shipment set PhoneNumber = '452618163',City = 'Boston' where SupplierID = 6
update TE_FA_CarSales_Shipment set CarModel = 'Sedan' where SupplierID = 3

select * from TE_FA_IICS_SCD2_CarSales where t_SupplierID in(2,6,3)

```

Results 1

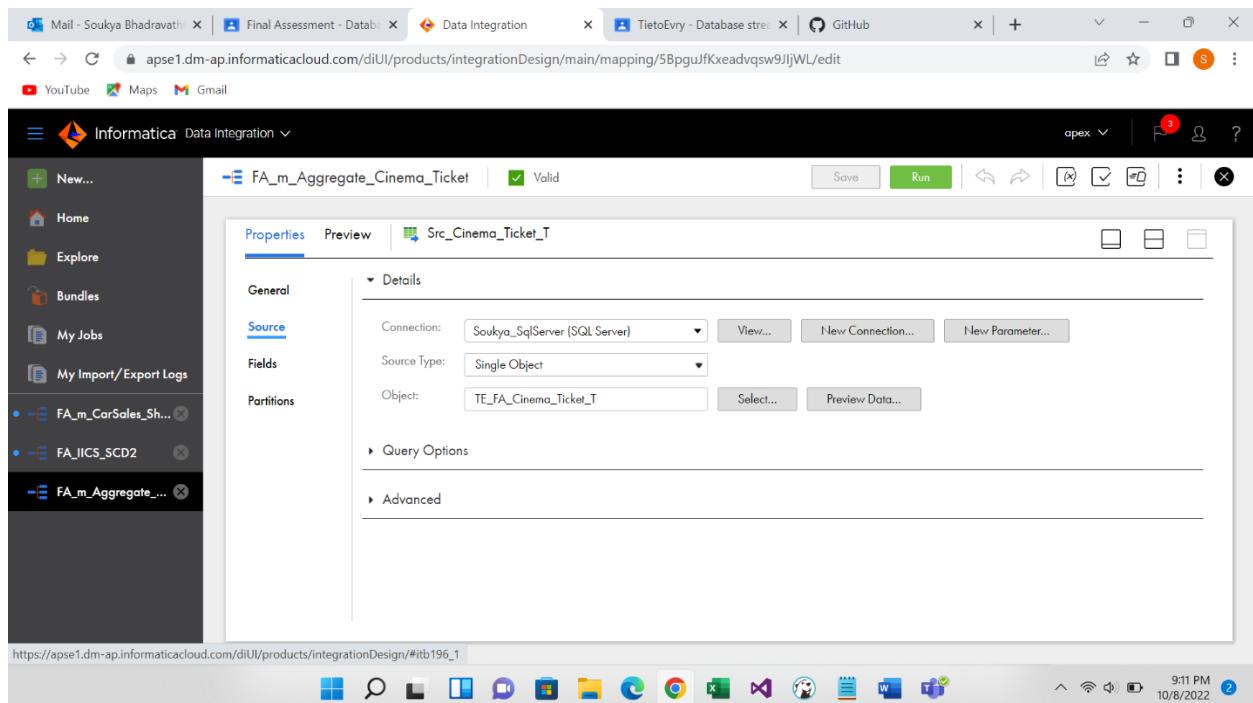
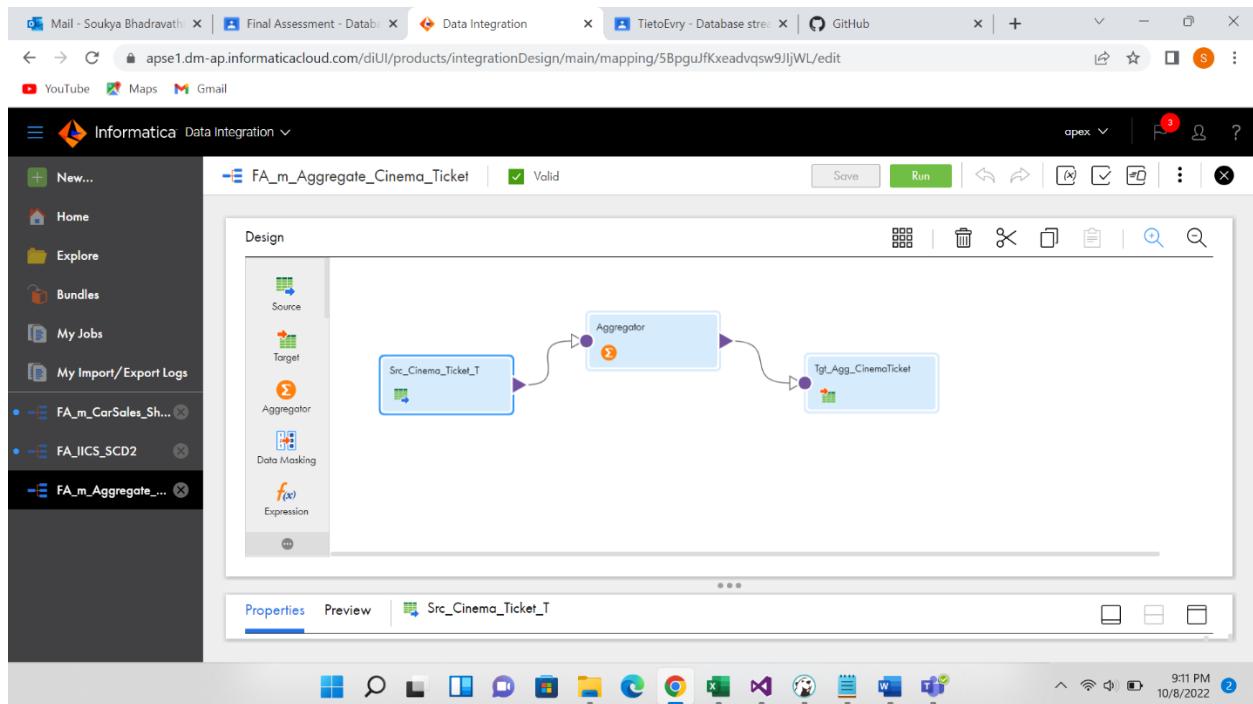
select * from TE_FA_IICS_SCD2_CarSales where t_SupplierID Enter a SQL expression to filter results (use Ctrl+Space)

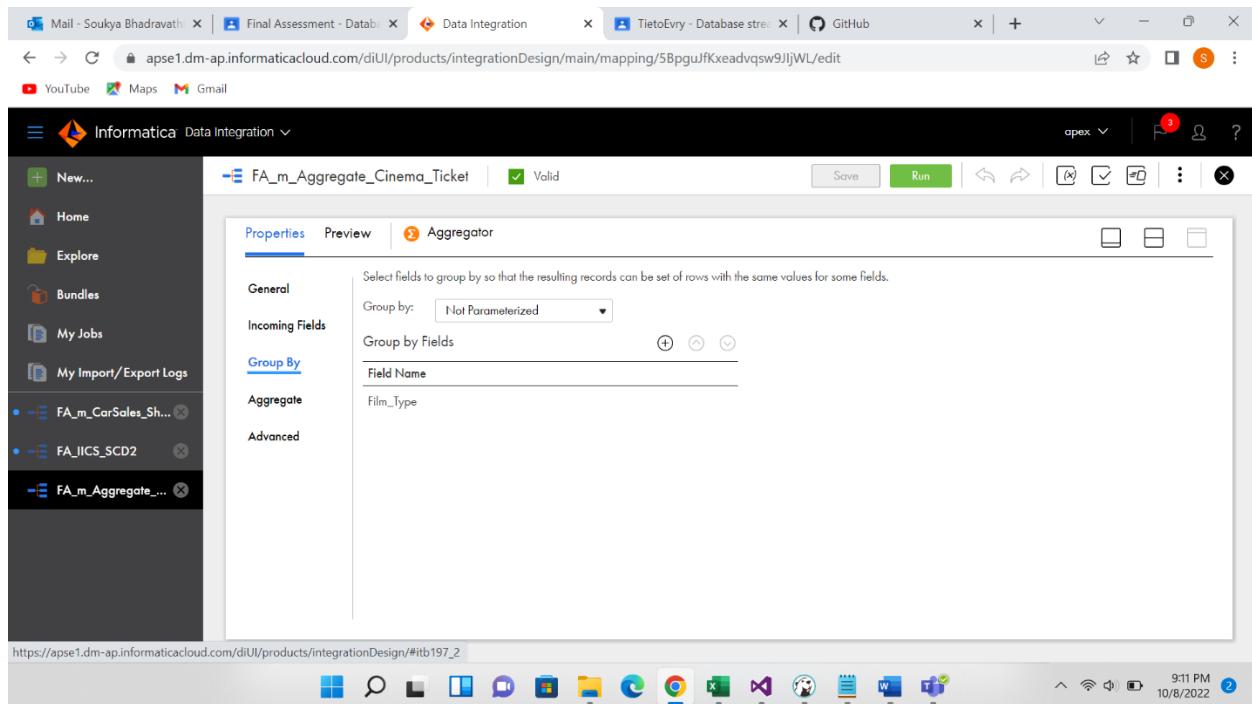
Grid	t_ShipMode	t_Shipping	t_PostalCode	t_Sales	t_Quantity	t_Discount	t_CreditCardType	t_CreditCard	t_CustomerFeedback	t_Checksum	t_Status	
1	0:00:00.000	Standard Class	Truck	56,398	794,773.17	1	1	jcb	3,549,220,000,000	Good	8E7F4B420D	Expired
2	0:00:00.000	Second Class	Air	60,674	968,244.9	1	1	jcb	3,557,160,000,000	Okay	D7A5DE981E	Expired
3	0:00:00.000	Standard Class	Air	31,136	947,785.4	2	2	laser	6,706,250,000,000	Good	01970A422B	Expired
4	0:00:00.000	Standard Class	Air	31,136	947,785.4	2	0.39	laser	6,706,250,000,000	Good	43EB3DF114	Active
5	0:00:00.000	Standard Class	Truck	56,398	794,773.17	1	0.79	jcb	3,549,220,000,000	Good	2E16A7A516	Active
6	0:00:00.000	Second Class	Air	60,674	968,244.9	1	0.28	jcb	3,557,160,000,000	Okay	6D80D85D4D	Active
Record												

Save Script | 200 | Rows: 1 | 6 row(s) fetched - 280ms, on 2022-10-09 at 10:00:01 | IST | en | Writable | Smart Insert | 104 : 1 [67] | Sel: 67 | 1 | 10:00 AM 10/9/2022

Aggregate Table

Data Source – Cinema Ticket





FA_m_Aggregate_Cinema_Ticket | Valid

Properties Preview Aggregator

General Incoming Fields Group By Aggregate Advanced

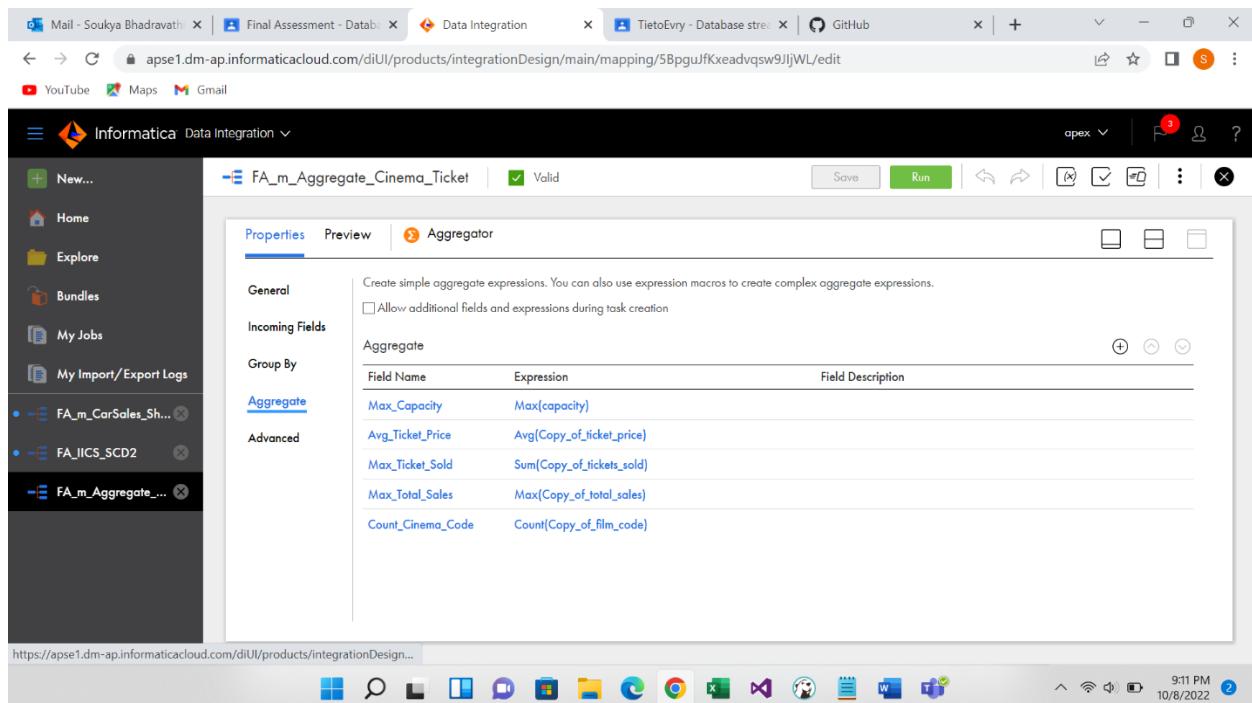
Select fields to group by so that the resulting records can be set of rows with the same values for some fields.

Group by: Not Parameterized

Group by Fields

Field Name: Film_Type

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb197_2



FA_m_Aggregate_Cinema_Ticket | Valid

Properties Preview Aggregator

General Incoming Fields Group By Aggregate Advanced

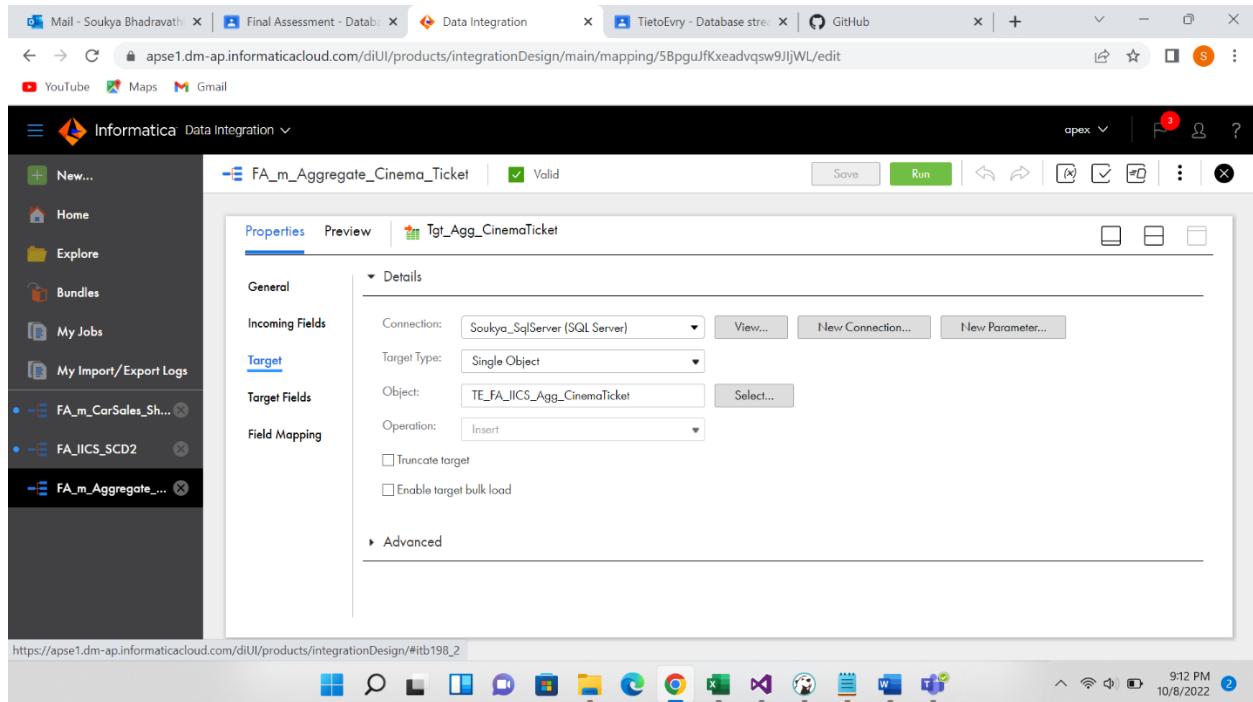
Create simple aggregate expressions. You can also use expression macros to create complex aggregate expressions.

Allow additional fields and expressions during task creation

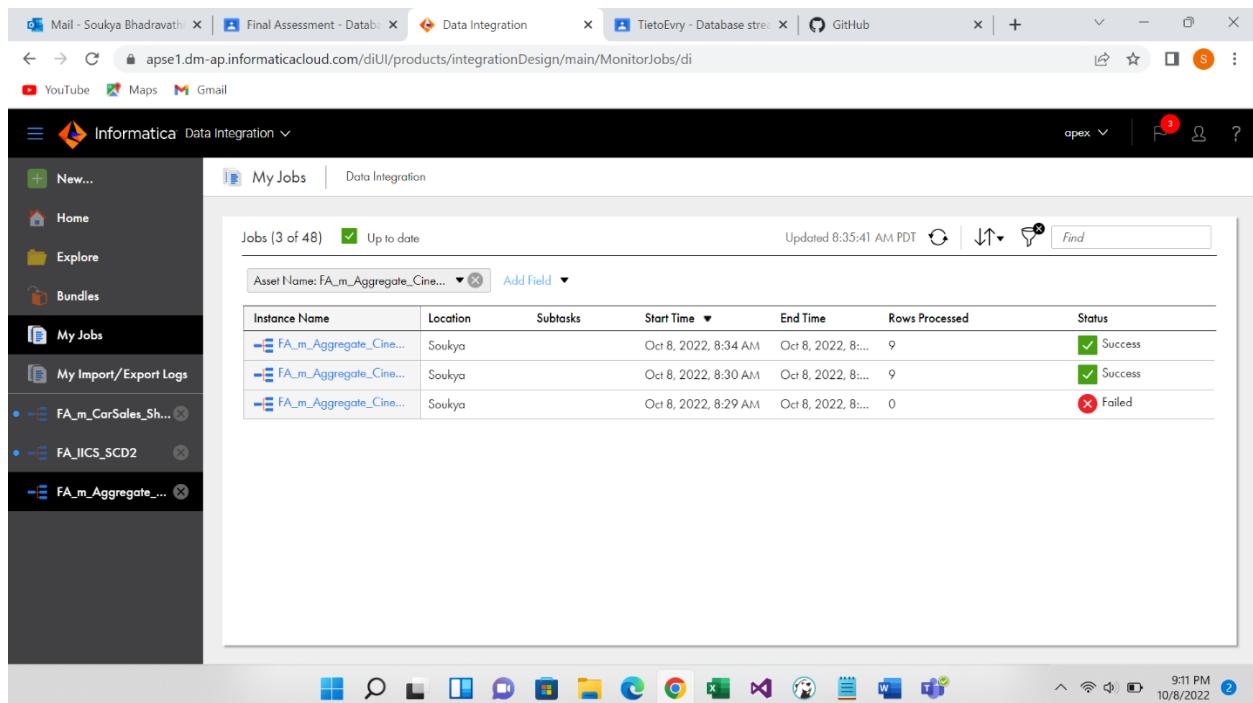
Aggregate

Field Name	Expression	Field Description
Max_Capacity	Max(capacity)	
Avg_Ticket_Price	Avg(Copy_of_ticket_price)	
Max_Ticket_Sold	Sum(Copy_of_tickets_sold)	
Max_Total_Sales	Max(Copy_of_total_sales)	
Count_Cinema_Code	Count(Copy_of_film_code)	

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign...



The screenshot shows the Informatica Data Integration interface. The main window displays the properties of a target object named 'Tgt_Agg_CinemaTicket'. The 'Incoming Fields' section is visible, showing a connection to 'Soukya_SQLServer (SQL Server)' and a target type of 'Single Object' named 'TE_FA_IICS_Agg_CinemaTicket'. The 'Operations' dropdown is set to 'Insert'. The 'Field Mapping' section is partially visible. The status bar at the bottom shows the URL 'https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb198_2' and the date '10/8/2022'.



The screenshot shows the 'My Jobs' dashboard in the Informatica Data Integration tool. It displays a list of 48 jobs, with the current view showing 3 of them. The table includes columns for 'Instance Name', 'Location', 'Subtasks', 'Start Time', 'End Time', 'Rows Processed', and 'Status'. The first two jobs are marked as 'Success' (green checkmark), while the third job is marked as 'Failed' (red X). The status bar at the bottom shows the URL 'https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb198_2' and the date '10/8/2022'.

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_m_Aggregate_Cine...	Soukya		Oct 8, 2022, 8:34 AM	Oct 8, 2022, 8:...	9	Success
FA_m_Aggregate_Cine...	Soukya		Oct 8, 2022, 8:30 AM	Oct 8, 2022, 8:...	9	Success
FA_m_Aggregate_Cine...	Soukya		Oct 8, 2022, 8:29 AM	Oct 8, 2022, 8:...	0	Failed

DBeaver 22.2.0 - <soukya> FA_JICS

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto soukya dbo@soukya

<soukya> Normalization_Assessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_JICS

```
select * from TE_FA_CarSales_Shipment
update TE_FA_CarSales_Shipment set PhoneNumber = '345698749',City = 'BostonCharleston',CreditCard = 3456172819 where SupplierID = 1
update TE_FA_CarSales_Shipment set PhoneNumber = '123456787',City = 'Boston' where SupplierID = 4
update TE_FA_CarSales_Shipment set CreditCard = 45673829333 where SupplierID = 5
select * from TE_FA_IICS_SCD2_CarSales
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where SupplierID = 5
select * from TE_FA_Cinema_Ticket_I
select Film_Type,capacity,Max_Capacity,Copy_of_ticket_price,Avg_Ticket_Price,Copy_of_tickets_sold,Max_Ticket_Sold,Copy_of_total_sales,Max_Total_Sales,Copy_of_film_code,Count_Cinema_Code from TE_FA_IICS_Agg_CinemaTicket
```

Results 1 ×

select Film_Type,capacity,Max_Capacity,Copy_of_ticket_price Enter a SQL expression to filter results (use Ctrl+Space)

	Max_Capacity	Copy_of_ticket_price	Avg_Ticket_Price	Copy_of_tickets_sold	Max_Ticket_Sold	Copy_of_total_sales	Max_Total_Sales	Copy_of_film_code	Count_Cinema_Code
1	986	53,407	87789,3383	182	84540	9,720,000	298553998	1,482	201
2	88	80,000	57710,1393	19	5905	1,520,000	35000000	1,480	201
3	980	80,000	84524,9900	31	7726	2,480,000	34970000	1,471	202
4	960	60,000	89011,0547	9	32056	540,000	353460000	1,483	201
5	980	120,000	66681,9056	218	30254	26,160,000	82950000	1,481	392
6	988	98,571	82263,9303	42	27380	4,140,000	121350000	1,484	201
7	98	60,000	94030,5	7	3083	420,000	16500000	1,492	200
8	969	80,000	59317,7860	62	31481	4,960,000	132449998	1,485	201
9	99	68,000	78649,4079	20	11109	1,360,000	73940000	1,486	201

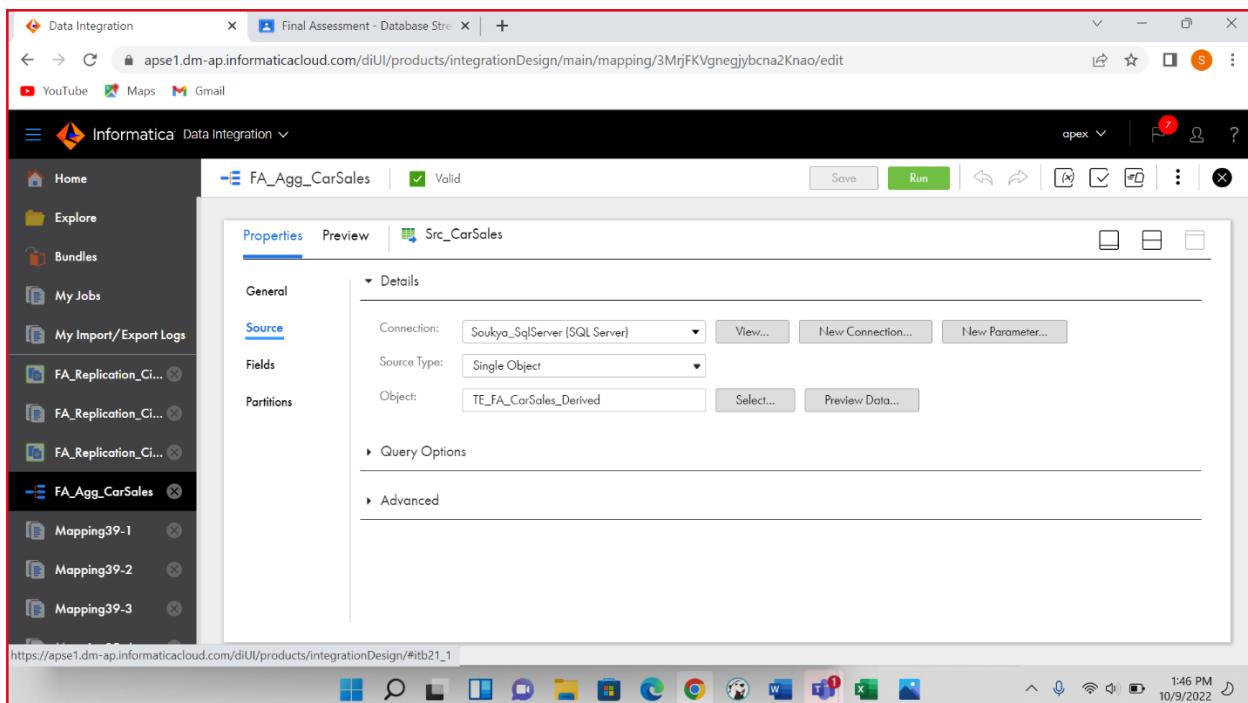
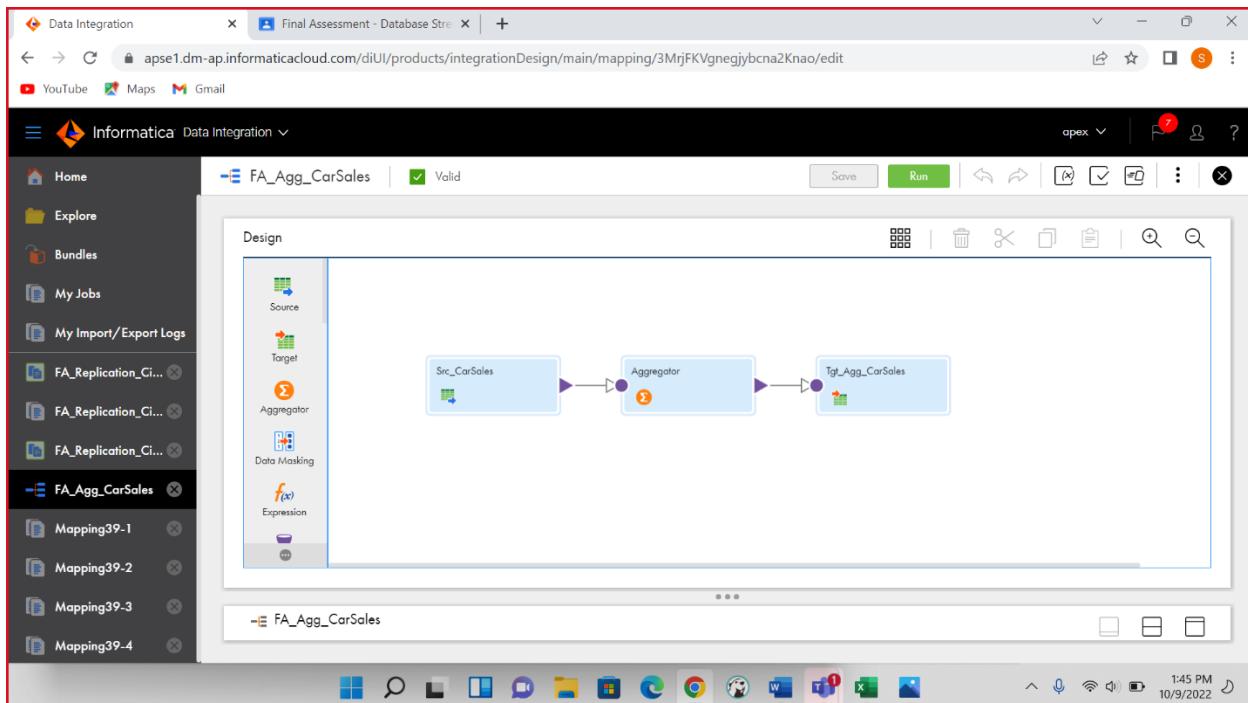
Save Cancel Script 200 9 Rows: 1 9 row(s) fetched - 220ms, on 2022-10-08 at 21:11:01

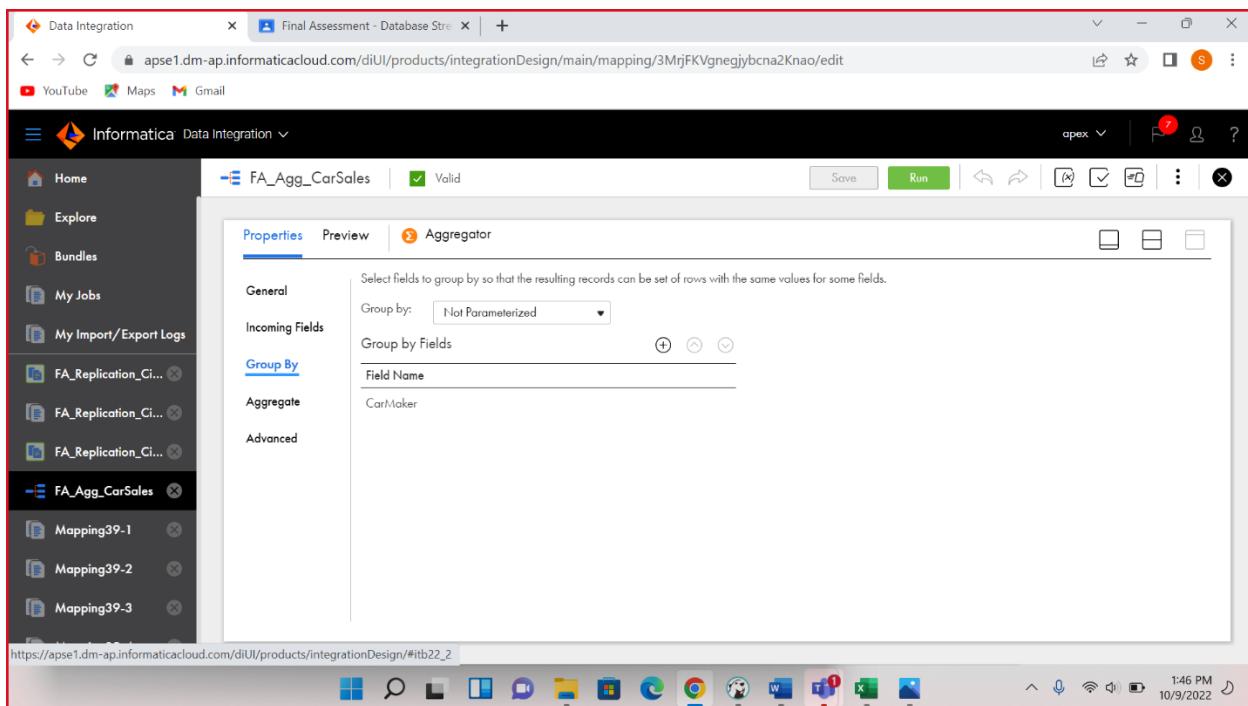
IST en Writable Smart Insert 98 : 70 [221] Sel: 221 | 2

9:11 PM 10/8/2022

Aggregate Table

Data Source – Cinema Ticket





Final Assessment - Database Structure

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/3MrjFKVgnejjybcna2Knao/edit

opex

opex

FA_Agg_CarSales | Valid

Properties Preview Aggregator

General Incoming Fields Group By Aggregate Advanced

Select fields to group by so that the resulting records can be set of rows with the same values for some fields.

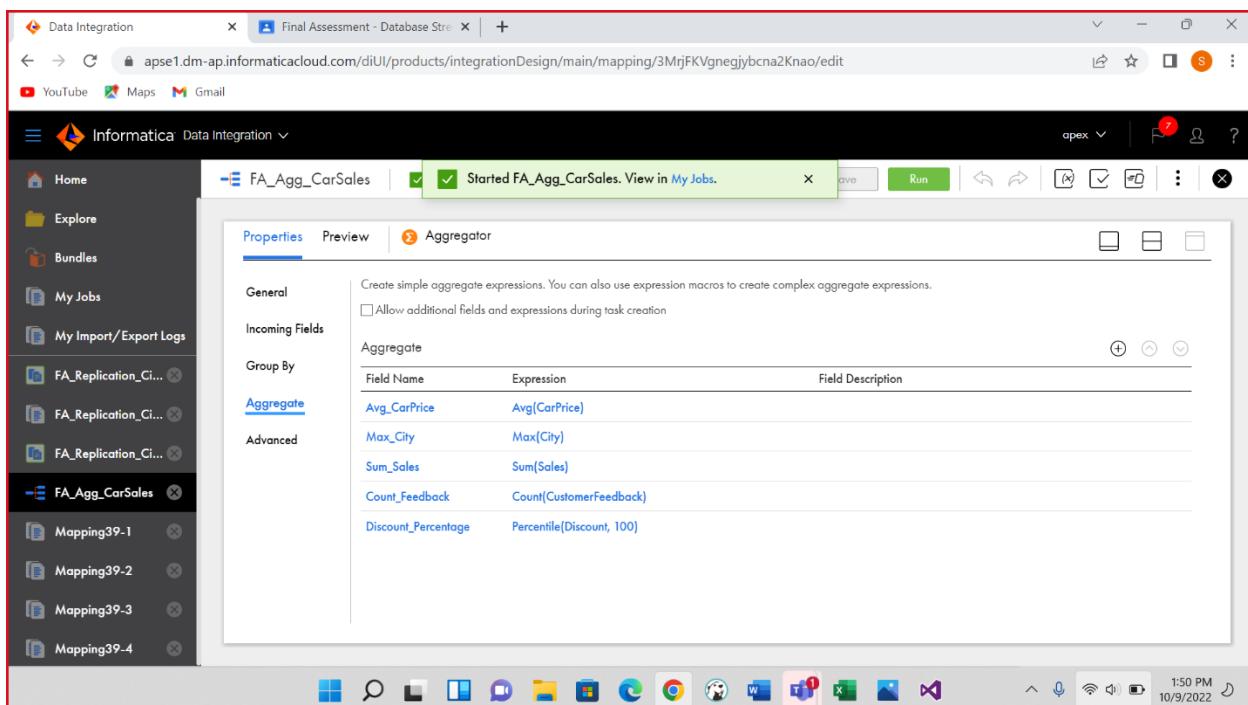
Group by: Not Parameterized

Group by Fields

Field Name: CarMaker

Save Run

1:46 PM 10/9/2022



Final Assessment - Database Structure

https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/mapping/3MrjFKVgnejjybcna2Knao/edit

opex

opex

FA_Agg_CarSales | Started FA_Agg_CarSales. View in My Jobs.

Properties Preview Aggregator

General Incoming Fields Group By Aggregate Advanced

Create simple aggregate expressions. You can also use expression macros to create complex aggregate expressions.

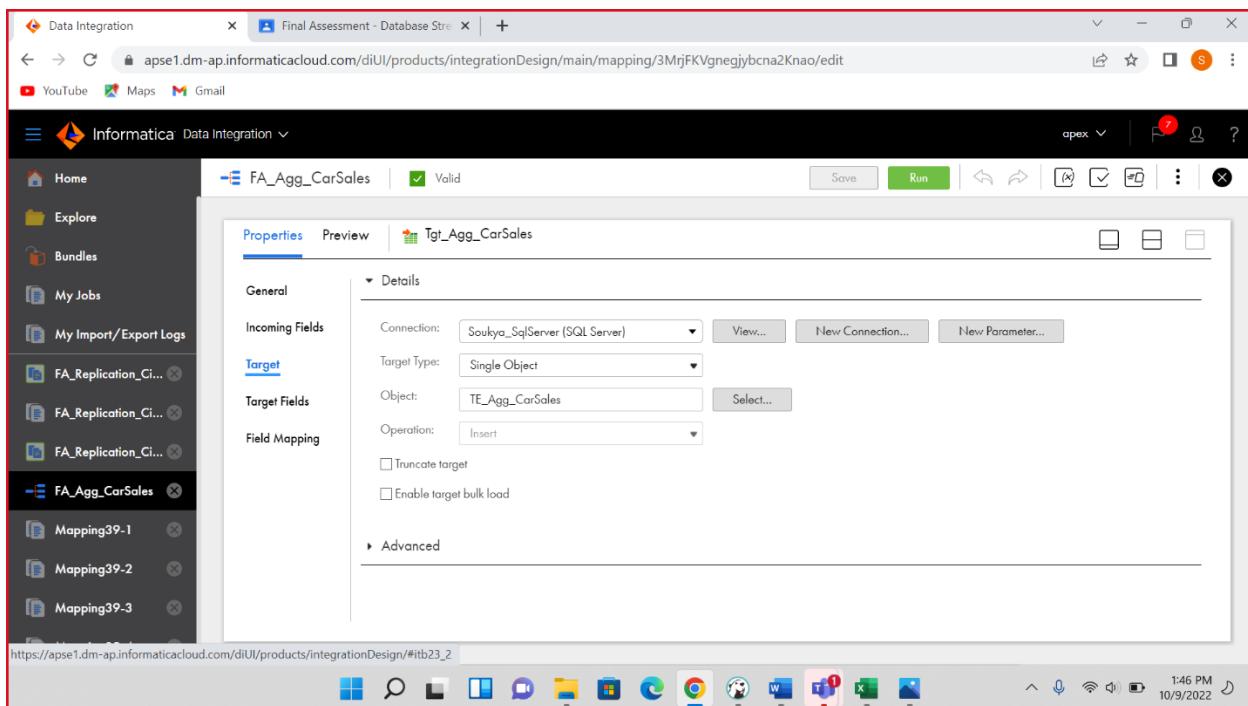
Allow additional fields and expressions during task creation

Aggregate

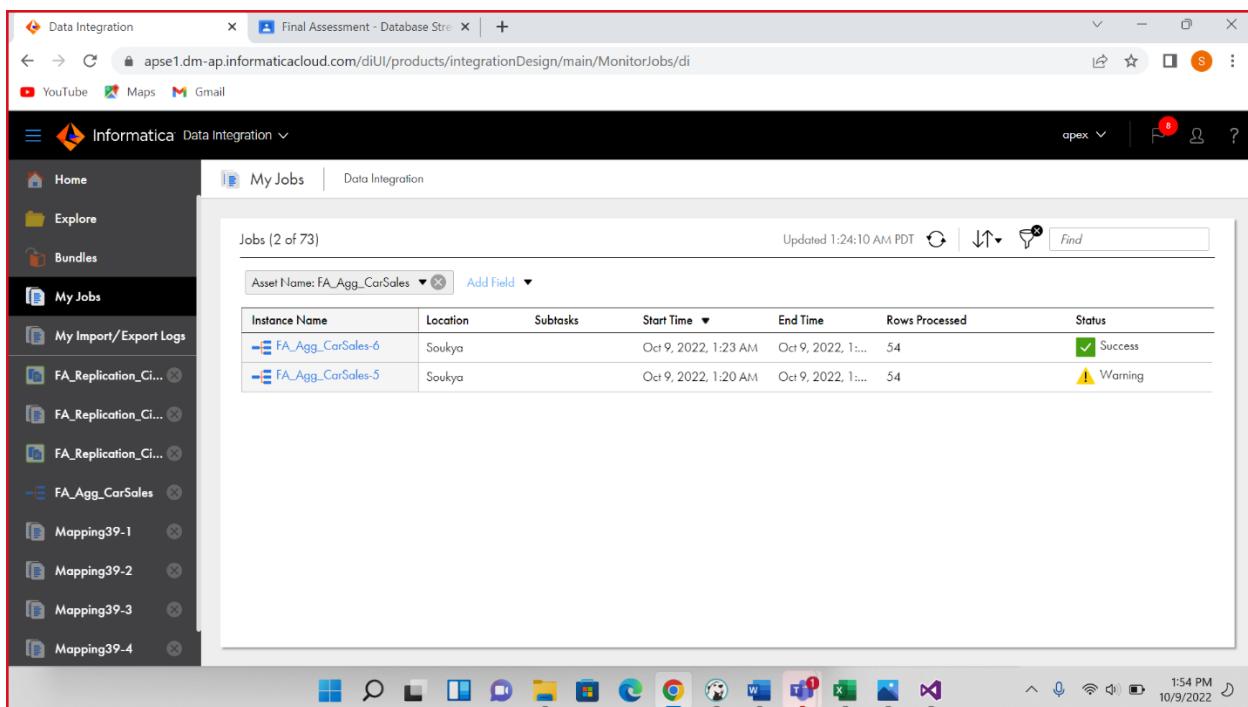
Field Name	Expression	Field Description
Avg_CarPrice	Avg(CarPrice)	
Max_City	Max(City)	
Sum_Sales	Sum(Sales)	
Count_Feedback	Count(CustomerFeedback)	
Discount_Percentage	Percentile(Discount, 100)	

Save Run

1:50 PM 10/9/2022

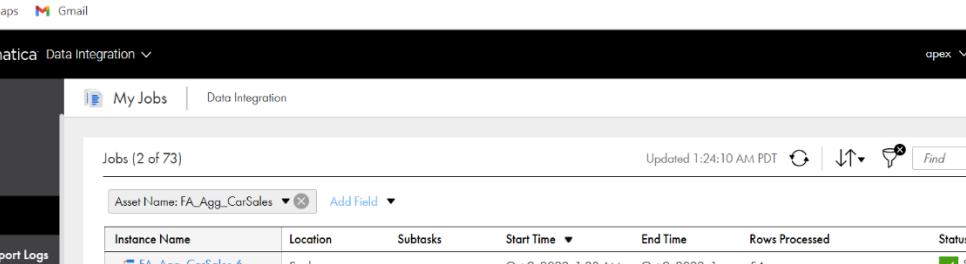


The screenshot shows the Informatica Data Integration Properties window for a target mapping named 'FA_Agg_CarSales'. The 'Incoming Fields' tab is selected, and the 'Target' sub-tab is active. The 'Object' dropdown is set to 'TE_Agg_CarSales'. The 'Operation' dropdown is set to 'Insert'. Other options like 'Truncate target' and 'Enable target bulk load' are available but not selected. The 'Details' section shows the connection is set to 'Soukya_SQLServer (SQL Server)'. The status bar at the bottom indicates the URL is https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#itb23_2.



The screenshot shows the Informatica Data Integration My Jobs page. It displays two job instances for the asset 'FA_Agg_CarSales'. The first instance, 'FA_Agg_CarSales-6', was run on 'Oct 9, 2022, 1:23 AM' and completed successfully with 54 rows processed. The second instance, 'FA_Agg_CarSales-5', was run on 'Oct 9, 2022, 1:20 AM' and completed with a warning, also processing 54 rows. The status column indicates 'Success' for the first and 'Warning' for the second.

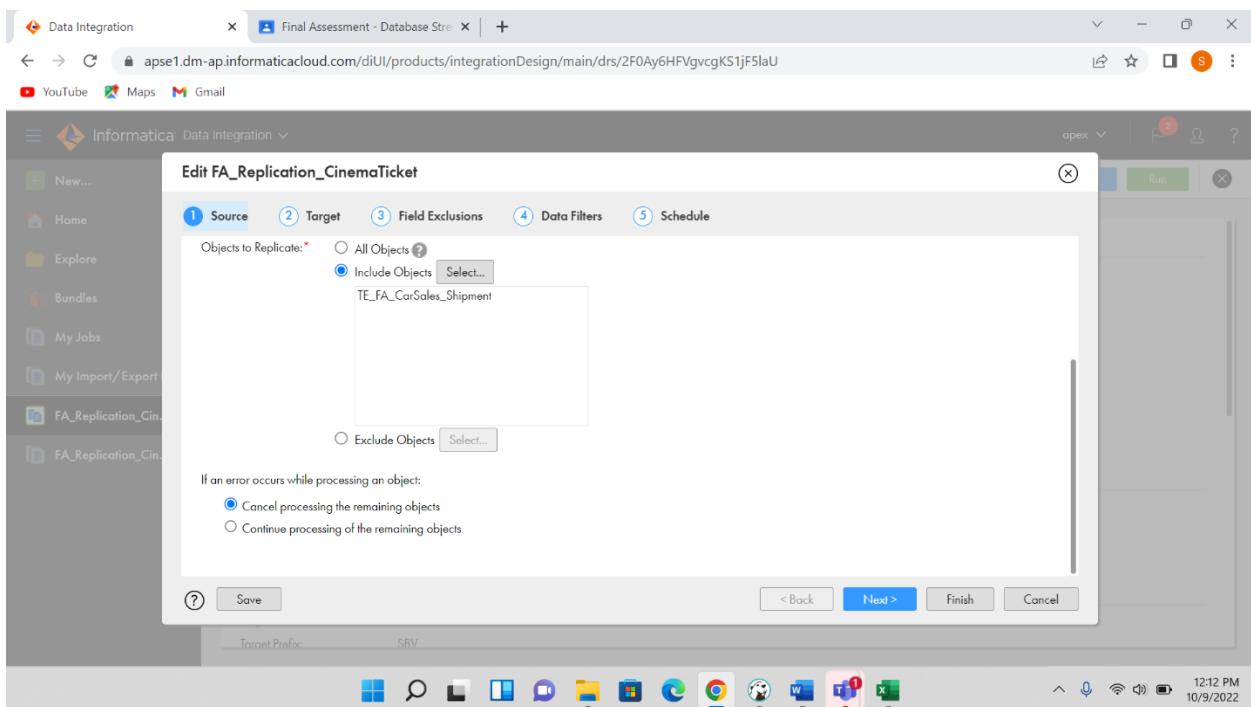
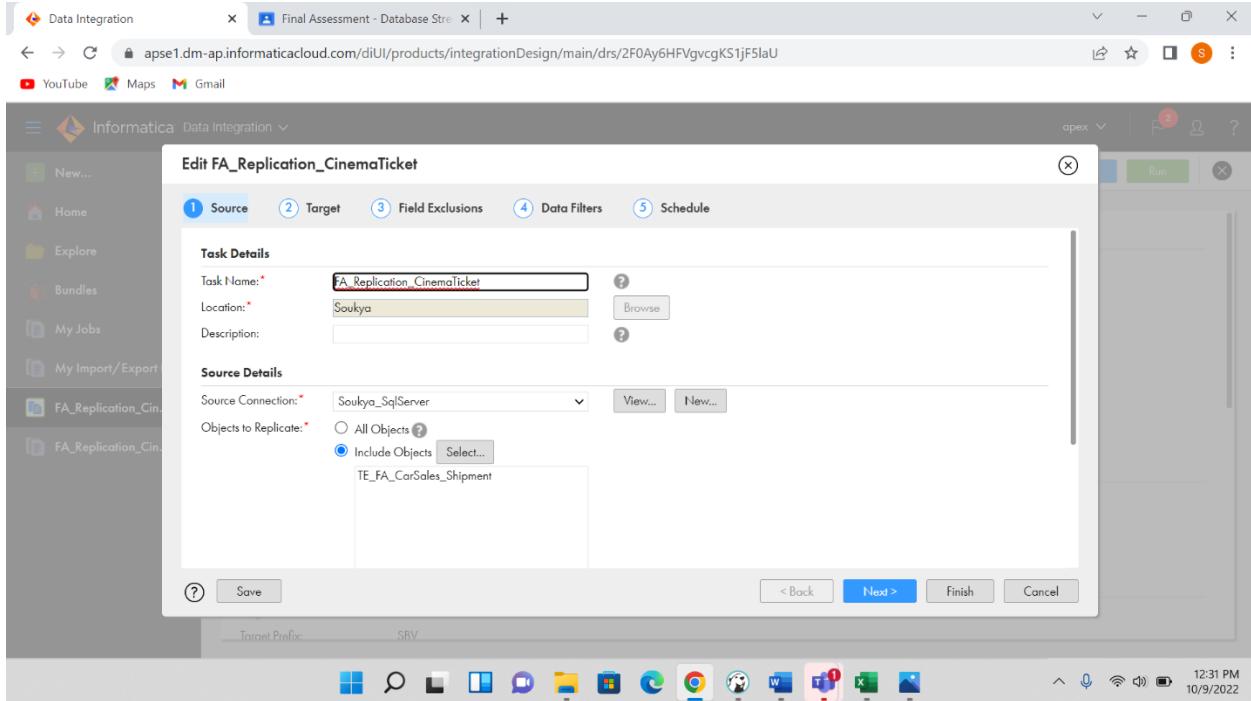
Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_Agg_CarSales-6	Soukya		Oct 9, 2022, 1:23 AM	Oct 9, 2022, 1:23 AM	54	Success
FA_Agg_CarSales-5	Soukya		Oct 9, 2022, 1:20 AM	Oct 9, 2022, 1:20 AM	54	Warning

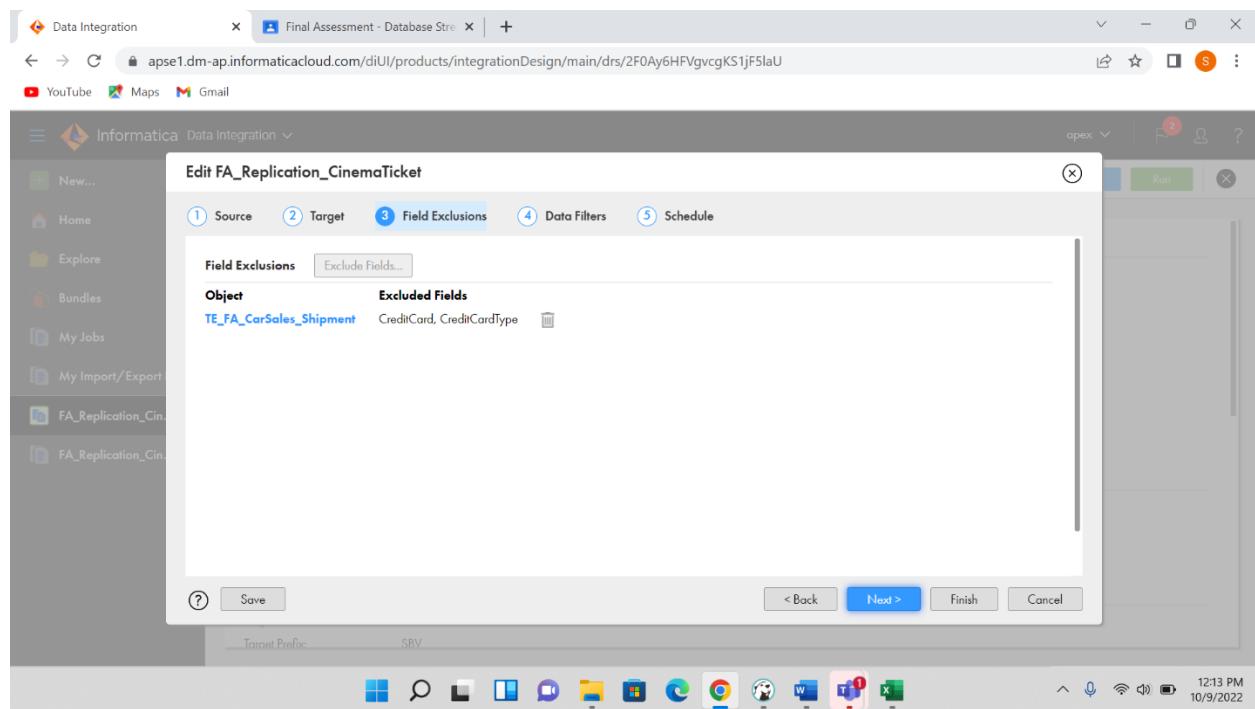
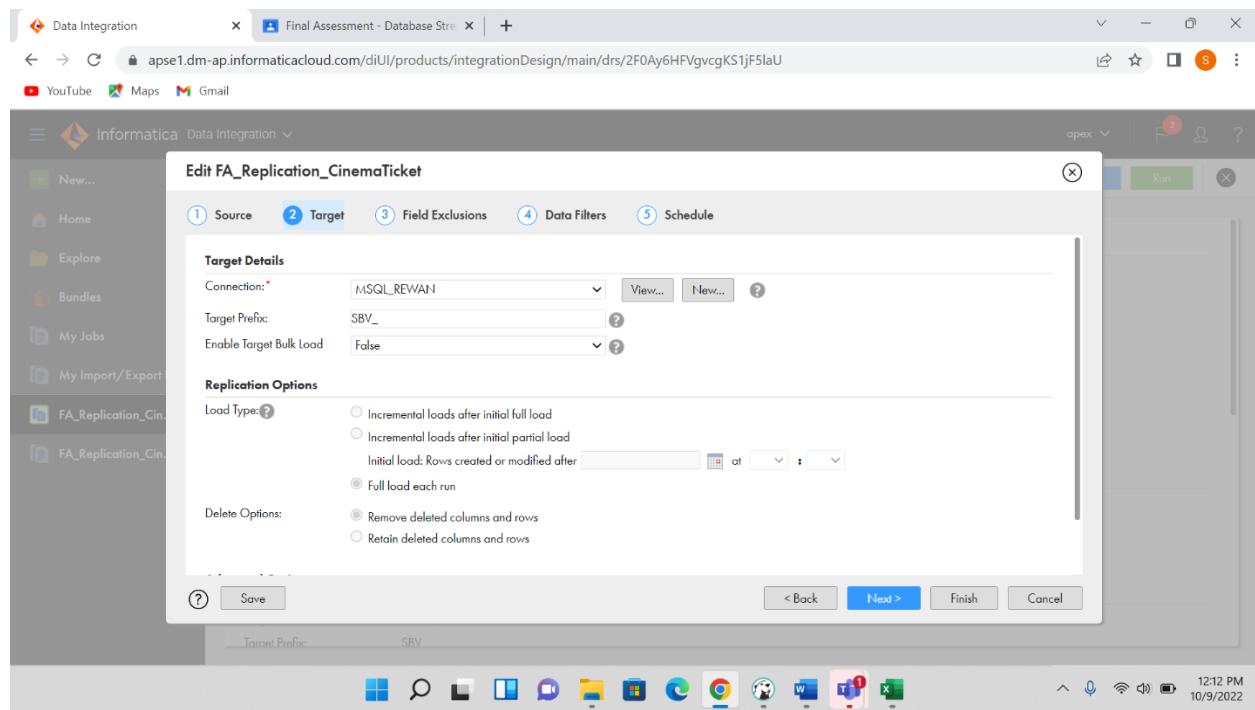


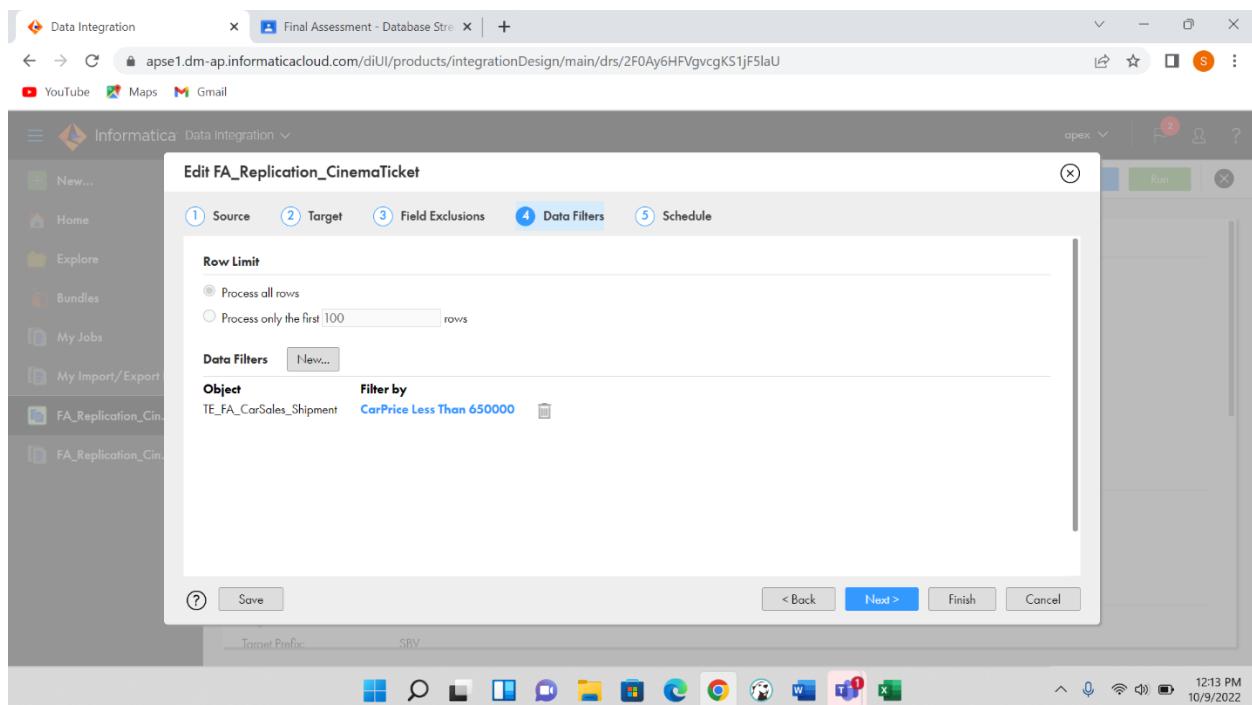
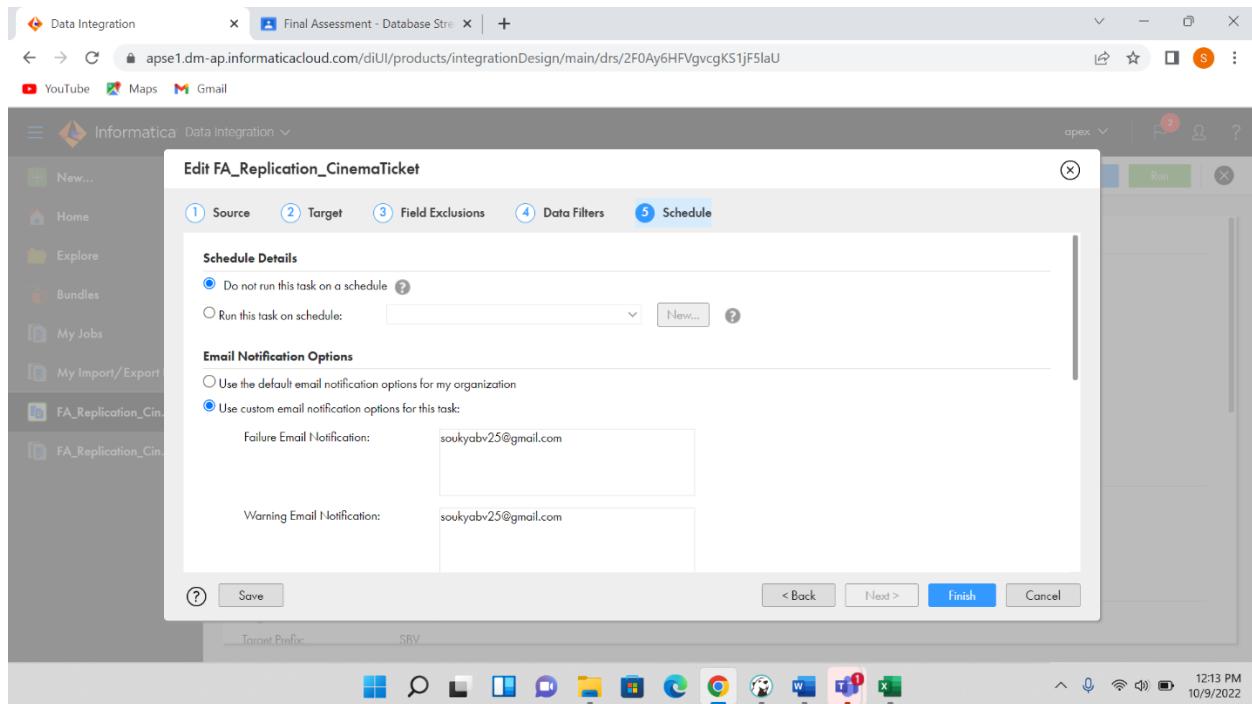
Jobs (2 of 73) Updated 1:24:10 AM PDT

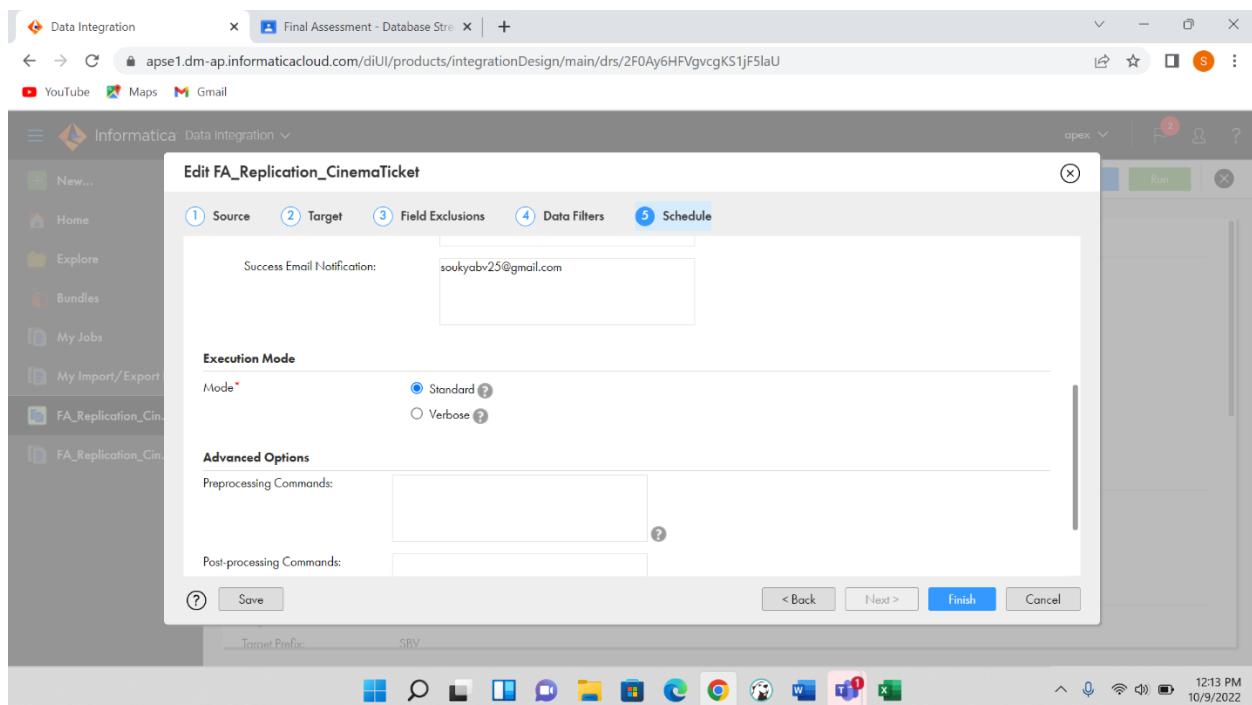
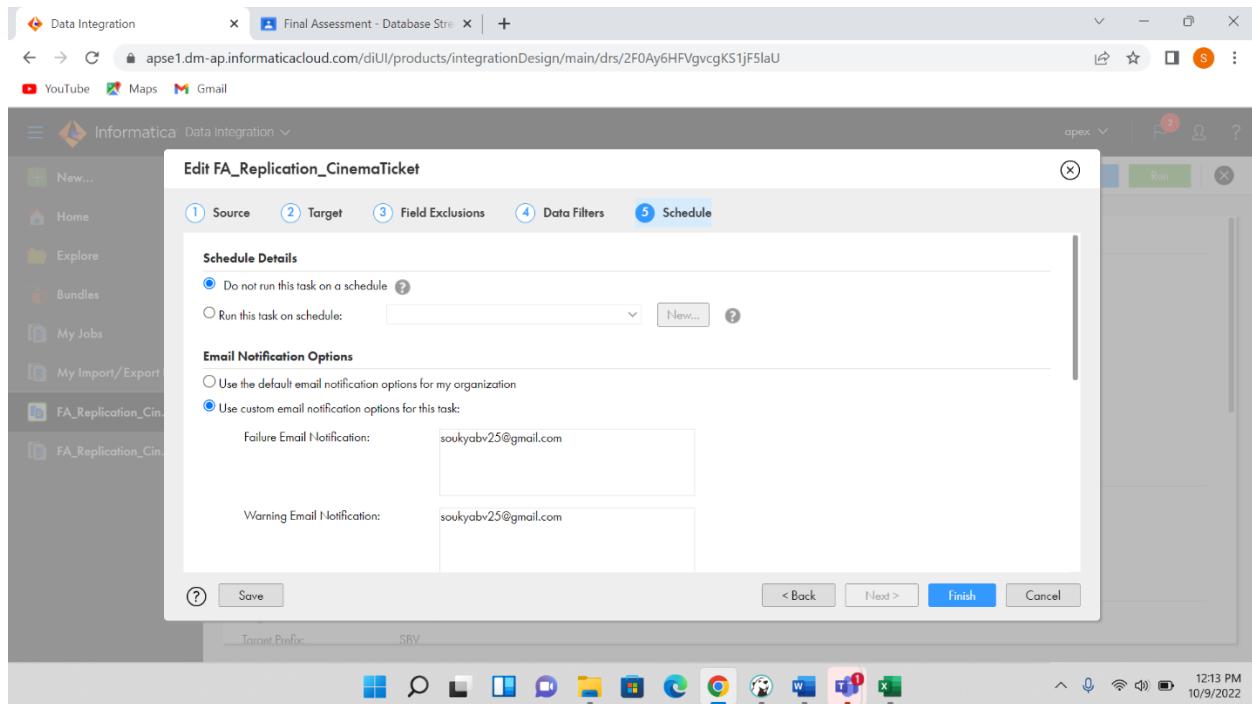
Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_Agg_CarSales-6	Soukya		Oct 9, 2022, 1:23 AM	Oct 9, 2022, 1:23 AM	54	Success
FA_Agg_CarSales-5	Soukya		Oct 9, 2022, 1:20 AM	Oct 9, 2022, 1:20 AM	54	Warning

Data replication task









Informatica Data Integration

My Jobs

Jobs (2 of 66)

Asset Name: FA_Replication_Cinema...

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_Replication_Cinema...	Soukya	1 task	Oct 8, 2022, 11:36 ...	Oct 8, 2022, 1...	489	Success
FA_Replication_Cinema...	Soukya	2 tasks	Oct 8, 2022, 11:30 ...	Oct 8, 2022, 1...	0	Failed

DBBeaver 22.2.0 - <dlithe> Script-4

File Edit Navigate Search SQL Editor Database Window Help

select * from SBV_TE_FA_CARSALES_SHIPMENT

Grid	Record	ADDRESS	ORDERDATE	ORDERID	SHIPDATE	SHIPMODE	SHIPPING	POSTALCODE	SALES	QUANTITY	DISCOUNT	CUSTOMERFEEDBACK
1	Ice Circle	2018-12-16 00:00:00.000	0268-6699	2019-03-14 00:00:00.000	Standard Class	Truck	99,522	744,796.41	1	0.83	Bad	
2	en Trail	2018-08-16 00:00:00.000	42043-251	2019-01-20 00:00:00.000	Second Class	Air	60,674	968,244.9	1	0.28	Okay	
3	Terrace	2019-02-22 00:00:00.000	57520-1044	2019-03-16 00:00:00.000	First Class	Truck	32,885	942,213.82	2	0.76	Very Bad	
4	nd Pass	2019-03-16 00:00:00.000	24909-111	2019-01-24 00:00:00.000	Same Day	Truck	2,208	883,836.81	2	0.79	Very Bad	
5	nter	2018-06-30 00:00:00.000	49527-013	2019-01-01 00:00:00.000	Second Class	Truck	25,336	779,626.29	1	0.9	Bad	
6	nter	2019-06-17 00:00:00.000	54868-6162	2019-01-21 00:00:00.000	Second Class	Truck	25,331	856,186.55	2	0.81	Good	
7	e	2019-04-25 00:00:00.000	57955-8315	2019-05-17 00:00:00.000	First Class	Air	66,642	703,359.96	1	0.88	Good	
8	Terrace	2019-06-03 00:00:00.000	0363-0459	2019-04-30 00:00:00.000	First Class	Air	37,131	758,563.82	2	0.56	Very Good	
9	Court	2018-12-03 00:00:00.000	28107-003	2019-05-31 00:00:00.000	Second Class	Air	47,405	979,571.33	2	0.4	Bad	
10	rsary Trail	2019-01-24 00:00:00.000	53808-0349	2019-05-31 00:00:00.000	Standard Class	Air	90,405	718,907.78	1	0.39	Good	
11	Trail	2019-05-04 00:00:00.000	13537-217	2019-02-20 00:00:00.000	Second Class	Truck	47,725	736,530.42	2	0.89	Very Good	
12	way	2019-06-02 00:00:00.000	59779-169	2019-02-26 00:00:00.000	Same Day	Air	21,281	939,816.56	2	0.27	Very Bad	
13	Parkway	2019-01-06 00:00:00.000	0527-1366	2019-03-02 00:00:00.000	First Class	Air	33,158	935,633.27	2	0.5	Very Bad	
14	ction	2018-11-28 00:00:00.000	54868-4525	2019-03-27 00:00:00.000	Standard Class	Air	68,531	863,444.64	2	0.89	Very Good	
15	le Hill	2018-09-26 00:00:00.000	0904-5721	2019-01-28 00:00:00.000	Second Class	Truck	79,999	831,839.93	1	0.71	Bad	
16	d Junction	2019-05-26 00:00:00.000	58414-8748	2019-03-17 00:00:00.000	Same Day	Air	70,142	921,546.49	2	0.69	Good	
17	Alley	2018-08-23 00:00:00.000	63629-4582	2019-06-03 00:00:00.000	Second Class	Truck	10,060	963,735.86	1	0.39	Good	
18	le	2018-06-28 00:00:00.000	47593-363	2019-05-03 00:00:00.000	Same Day	Truck	24,020	883,232.92	2	0.43	Very Bad	

DBeaver 22.2.0 - <dlithe> Script-4

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto dbeaver.dlithe.dbo@dlithe

<soukya> Normalization_Assessment <soukya> FA_Commands_CarSales <soukya> FA_Insurance <soukya> FA_SSIS <soukya> Joins_Assessment <soukya> FA_JIIS <soukya> Script-4

```
select * from SBV_TE_FA_CARSALES_SHIPMENT
```

Results 1

select * from SBV_TE_FA_CARSALES_SHIPMENT stfc

RECORD	DEL	CARCOLOR	CARMODELYEAR	CARPRICE	CUSTOMERID	CUSTOMERNAME	GENDER	JOBTITLE	PHONENUMBER	EMAILADDRESS
1	Red	2,007	521,963.45	60760-224	Louie Hinsche	Male	Mechanical Systems Engineer	2222222222	lhinsche0@comcast.net	
2	Crimson	2,011	504,465.72	58411-135	Alvie Weighell	Male	Systems Administrator III	312-561-8337	aweinell2@nature.com	
3	Fuscia	1,990	646,077.11	0591-5307	Flint Gunston	Male	Operator	34562881	fgunston3@mozilla.org	
4	Indigo	1,999	546,977.55	37122-328	Findlay Alberti	Male	Biostatistician III	617-524-1910	faberli6@google.com.br	
5	Purple	2,013	528,353.8	54162-018	Ottolie Wittman	Female	Administrative Officer	304-526-4427	owittman7@nps.gov	
6	Red	2,011	568,015.89	49825-119	Libbey Divell	Female	VP Sales	304-984-5742	ldivellc@blog.com	
7	Turquoise	2,008	646,591.02	54799-504	Demetria Hazelgrove	Female	Human Resources Assistant IV	785-371-7195	dhazelgrove@theatlantic.com	
8	Aquamarine	2,004	563,380.63	37000-352	Liuka Dundin	Female	Desktop Support Technician	615-169-0681	lclundini@hc360.com	
9	Turquoise	2,009	526,717.03	49693-1801	Barbee Cathel	Female	Chemical Engineer	812-935-0173	bcathelk@paginegialle.it	
10	Aquamarine	1,996	569,743.98	23155-141	Aimee O'Canavan	Female	Project Manager	818-799-2159	aocanavan0@1688.com	
11	Flying Spur Fuscia	2,009	649,917	65517-0027	Iain Potell	Male	Software Consultant	812-313-8264	ipotellm@sogou.com	
12	Club	Red	1,996	515,209.24	51143-213	Ahmad McNiven	Male	VP Quality Control	410-934-9054	amcniven9@360.cn
13	Orange	2,011	649,144	42507-612	Phillipe Fussie	Male	Director of Sales	305-467-5364	pfussier@lycos.com	
14	Fuscia	2,010	631,349.63	75936-123	Hailey Doorbar	Male	Human Resources Manager	402-260-7696	hdoorbaru@un.org	
15	Indigo	1,996	621,482.6	52125-632	Jeffy Duckworth	Male	Senior Financial Analyst	915-389-8537	jduckworthx@wix.com	
16	Turquoise	2,011	523,333.68	53808-0603	Reese Lace	Male	Associate Professor	504-160-1828	rlacey@u.gov	
17	Khaki	1,999	543,658.53	68387-695	Joete Rigmund	Female	Internal Auditor	646-344-7431	jrigmondz@youku.com	
18	Green	1,998	579,336.1	0603-1384	Orland Morpeth	Male	Nurse	540-250-1864	omorpeth10@discuz.net	

Save Cancel Script 200+ Rows: 1 200 row(s) fetched - 472ms (151ms fetch), on 2022-10-09 12:41 PM 10/9/2022

Final Assessment - Database Structure | E-R Diagram-Normalization.drawio | Big_Picture.drawio - diagrams.net | Data Integration

apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/ActivityLogDetailsWS/011PZ9C10000000001VZ/FA_Replication-2/011PZ90G00...

YouTube Maps Gmail

Informatica Data Integration

FA_Replication-2

Job Properties

Task Name:	FA_Replication	Status:	Success
Instance ID:	2	Success Rows:	2000
Task Type:	Data Replication	Errors:	0
Stop on Error:	Cancel processing the remaining objects		
Started By:	soukya_bv through UI		
Start Time:	Oct 10, 2022 1:27:44 PM		
End Time:	Oct 10, 2022 1:33:36 PM		
Duration:	5 minutes, 52 seconds		
Runtime Environment:	Informatica Cloud Hosted Agent		

Individual Object Results

Object Name	End Time	Status	Success Rows	Errors	Error Message	Recommendation
TE_FA_Cinema_Ticket_T	Oct 10, 2022 1:33:20 PM	Success	2000	0		
TE_FA_Cinema_Ticket	Oct 10, 2022 1:33:36 PM	Success	0	0		

Entire DB Replication to Dlithe

