

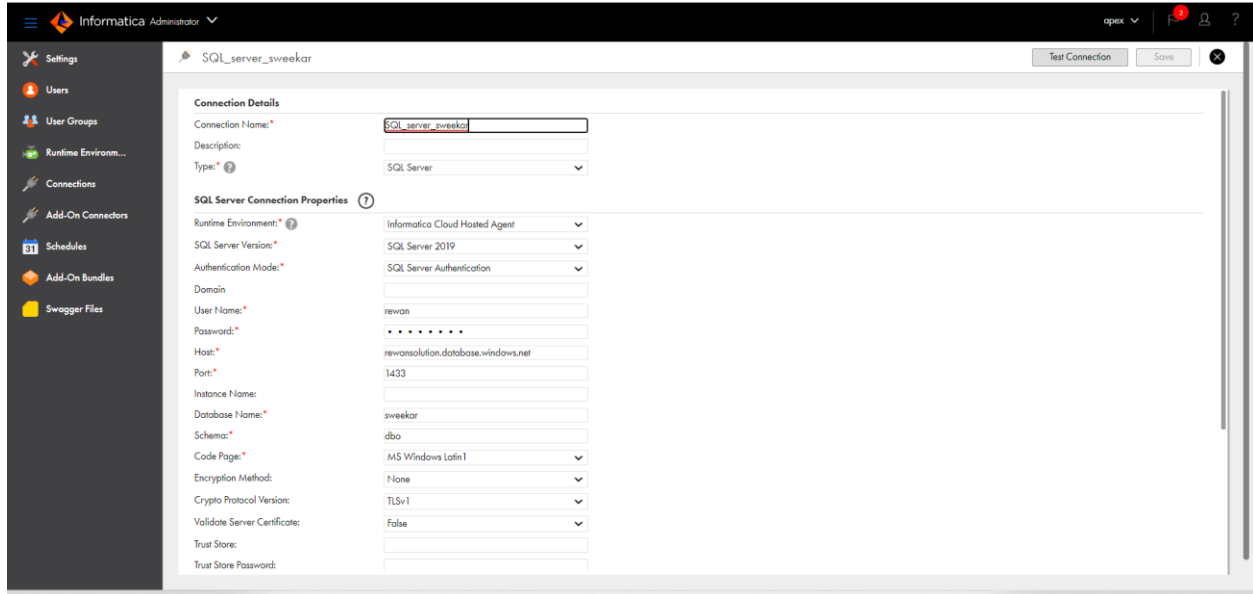
TIETOEVRY – DATABASE – FINAL ASSESSMENT

SWEEKAR K T/EI13047

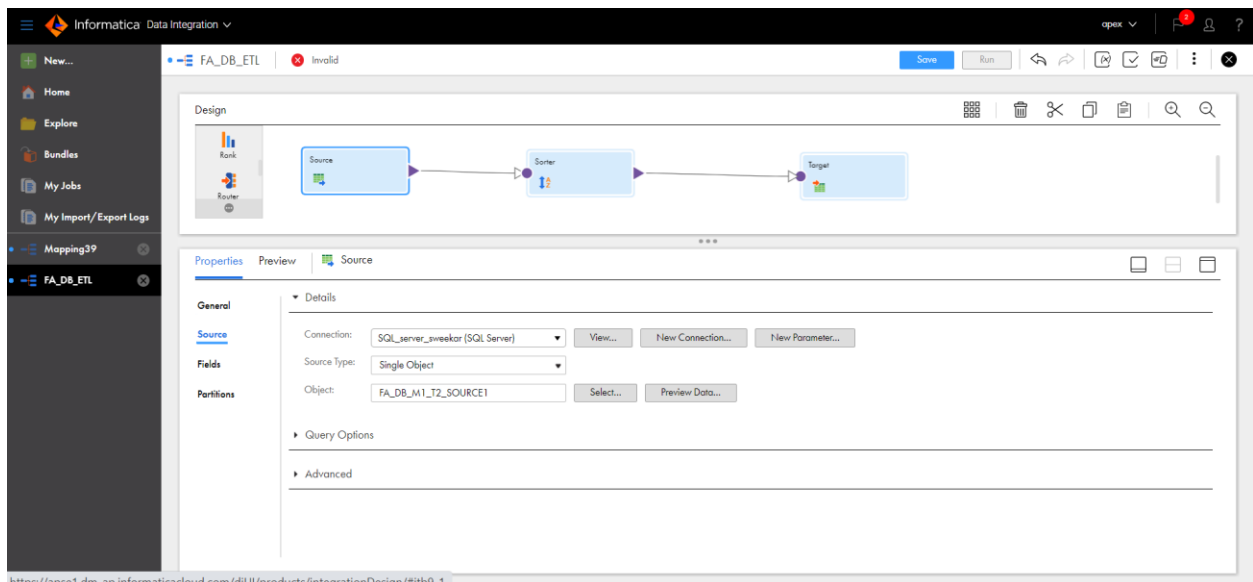
Module 4 IICS: 20 Points

Entry criteria: Transactions tables created in Module 1, task 2

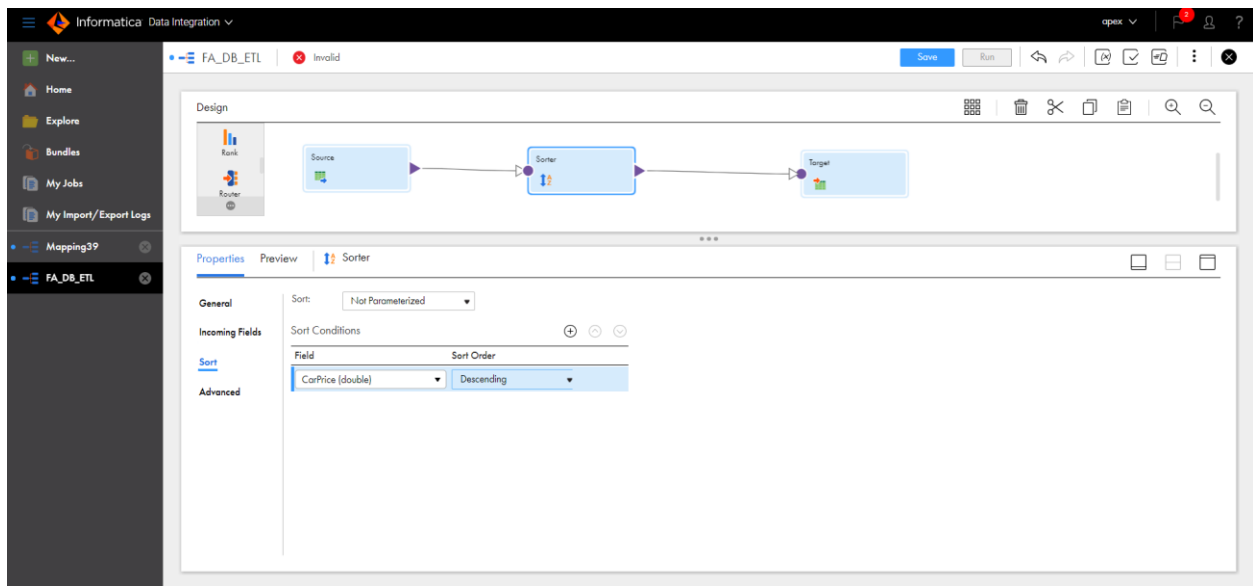
1. Make connection to different data source (Oracle DB, Flat file, SQL Server)



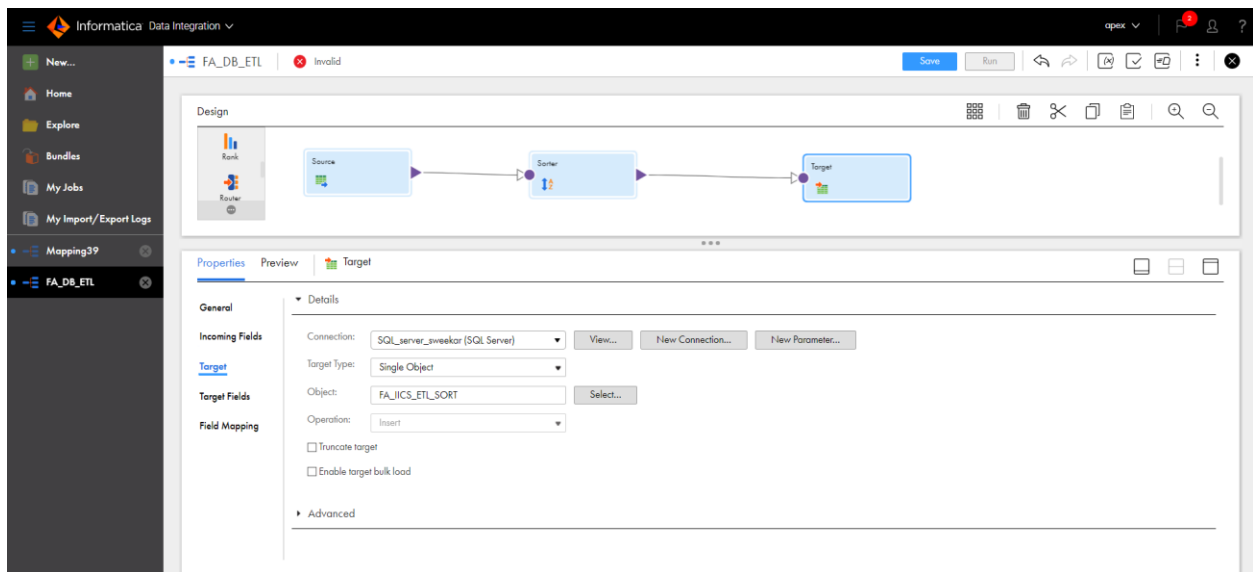
2. Extract



3. Transform



4. Load to new target system - SQL Server



Informatica Data Integration

My Jobs

Jobs (1 of 21)

Updated 3:44:49 AM PDT

Asset Name: FA_DB_ETL Add Field

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_DB_ETL-1	sweekar's_IICS_project		Oct 7, 2022, 3:42 AM	Oct 7, 2022, 3:45 AM	1000	Success

SELECT * FROM FA_IICS_ETL_SORT;

Results 1 x Statistics 2

Enter a SQL expression to filter results (use Ctrl+Space)

Grid	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	CustomerName	Gender
1	1,955	GMC	Canyon	Orange	2,008	799,454.24	60505-3780	Ade Mityashev	Male
2	5,103	Saab	[NULL]	Aquamarine	1,989	798,837.47	52959-880	Sonya Briscam	Female
3	8,159	Ford	Mustang	Maroon	1,994	798,765.11	52959-144	Gunther Stubbs	Male
4	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-5732	Archer Landsborough	Male
5	885	BMW	5 Series	Goldenrod	1,994	798,206.16	61727-303	Sascha Rallinshaw	Male
6	2,169	Mercedes-Benz	CL-Class	Crimson	2,004	798,192.93	42411-043	Marta Collens	Female
7	4,849	Dodge	Ram 2500	Turquoise	2,007	798,141.78	37808-230	Bonita Veracruysse	Female
8	9,955	Mitsubishi	Diamante	Turquoise	2,000	797,965.14	47682-903	Lane Boreham	Male

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 260ms (130ms fetch), on 2022-'

IST en Writable Smart Insert 106 : 31 : 2606 Sel: 0 | 0

5. Perform SCD 1 & SCD2 dimension table modelling

SCD 1

The screenshot shows the Informatica Data Integration Designer interface for a project named 'FA_IICS_SCD1'. The 'Design' pane displays a data flow from a 'Source' to two target components: 'Target_Insert' and 'Target_Update'. The 'Properties' pane for 'Target_Update' is open, showing the 'Field Mapping' tab. It lists incoming fields and their corresponding target fields in a table.

Supplier/Contact/Details	CarModel	CarModel
ProductID	t_CarColor	t_CarColor
CarMaker	t_CarModelYear	CarModelYear
CarModel	t_CarPrice	CarPrice
CarColor	t_CustomerID	t_CustomerID
CarModelYear	t_CustomerName	t_CustomerName
CarPrice	t_Gender	t_Gender
CustomerID	t_JobTitle	t_JobTitle
CustomerName	t_PhoneNumber	t_PhoneNumber

The screenshot shows the 'My Jobs' page in Informatica Data Integration. It displays a list of job instances for the project 'FA_IICS_SCD1'. The table includes columns for Instance Name, Location, Subtasks, Start Time, End Time, Rows Processed, and Status.

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_IICS_SCD1-7	sweekar's_IICS_project		Oct 10, 2022, 9:00 PM	Oct 10, 2022, 9:03 PM	1000	Success
FA_IICS_SCD1-6	sweekar's_IICS_project		Oct 10, 2022, 8:50 PM	Oct 10, 2022, 8:51 PM	0	Failed
FA_IICS_SCD1-5	sweekar's_IICS_project		Oct 10, 2022, 8:41 PM	Oct 10, 2022, 8:41 PM	0	Failed
FA_IICS_SCD1-4	sweekar's_IICS_project		Oct 7, 2022, 8:05 PM	Oct 7, 2022, 8:05 PM	0	Success
FA_IICS_SCD1-3	sweekar's_IICS_project		Oct 7, 2022, 8:03 PM	Oct 7, 2022, 8:04 PM	2	Success
FA_IICS_SCD1-2	sweekar's_IICS_project		Oct 7, 2022, 7:54 PM	Oct 7, 2022, 7:54 PM	0	Success
FA_IICS_SCD1-1	sweekar's_IICS_project		Oct 7, 2022, 7:49 PM	Oct 7, 2022, 7:49 PM	2	Success

SELECT * FROM FA_DB_M4_SCD1_TGT ;|

Results 1 Results 2

Enter a SQL expression to filter results (use Ctrl+Space)

	SupplierContactDetails	t_ProductID	t_CarMaker	t_CarModel	t_CarColor	t_CarModelYear	t_CarPrice	t_CustomerID	t_CustomerName
1	57-6028	8,893	Dodge	Ram 2500	Goldenrod	2,007	521,963.45	60760-224	Louie Hinsche
2	64-4060	9,444	Toyota	Tundra	Crimson	2,010	672,222.04	67457-594	Alexandros Manue
3	19-1802	253	GMC	Savana 1500	Crimson	2,011	504,465.72	58411-135	Alvie Weighell
4	15-3112	1,283	Volkswagen	Cabriolet	Fuscia	1,990	646,077.11	0591-5307	Flint Gunston
5	23-6788	8,905	Mercury	Mariner	Teal	2,009	699,890.24	51655-189	Alyssa Filpi
6	57-0118	8,877	Toyota	Land Cruiser	Crimson	2,005	694,373.94	65811-0001	Wiatt Piche
7	97-2408	101	Subaru	Impreza	Indigo	1,999	546,977.55	31722-328	Findlay Alberti
8	69-6870	8,854	BMW	X6	Purple	2,013	528,353.8	54162-018	Ottlie Wittman
9	19-7839	9,043	Mitsubishi	Galant	Orange	2,011	706,964.35	44911-0060	Kirsten Calvey
10	55-4653	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-5732	Archer Landsborou

SELECT * FROM FA_DS7_CAR_SALES;

UPDATE FA_DS7_CAR_SALES
SET CarPrice=522222
WHERE SupplierID =1;

Results 1 Results 2

Enter a SQL expression to filter results (use Ctrl+Space)

	SupplierContactDetails	t_ProductID	t_CarMaker	t_CarModel	t_CarColor	t_CarModelYear	t_CarPrice	t_CustomerID	t_CustomerName
1	57-6028	8,893	Dodge	Ram 2500	Goldenrod	2,007	522,222	60760-224	Louie Hinsche
2	64-4060	9,444	Toyota	Tundra	Crimson	2,010	672,222.04	67457-594	Alexandros Manuel
3	19-1802	253	GMC	Savana 1500	Crimson	2,011	504,465.72	58411-135	Alvie Weighell
4	15-3112	1,283	Volkswagen	Cabriolet	Fuscia	1,990	646,077.11	0591-5307	Flint Gunston
5	23-6788	8,905	Mercury	Mariner	Teal	2,009	699,890.24	51655-189	Alyssa Filpi
6	57-0118	8,877	Toyota	Land Cruiser	Crimson	2,005	694,373.94	65811-0001	Wiatt Piche
7	97-2408	101	Subaru	Impreza	Indigo	1,999	546,977.55	31722-328	Findlay Alberti
8	69-6870	8,854	BMW	X6	Purple	2,013	528,353.8	54162-018	Ottlie Wittman
9	19-7839	9,043	Mitsubishi	Galant	Orange	2,011	706,964.35	44911-0060	Kirsten Calvey
10	55-4653	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-5732	Archer Landsborough

Informatica Data Integration

My Jobs Data Integration

Jobs (8 of 40) Updated 10:52:45 PM PDT

Asset Name: FA_IICS_SCD1 Add Field

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_IICS_SCD1-8	sweekor's_iics_project		Oct 10, 2022, 10:52 PM	Oct 10, 2022, 10:52 PM	1	Success
FA_IICS_SCD1-7	sweekor's_iics_project		Oct 10, 2022, 9:00 PM	Oct 10, 2022, 9:03 PM	1000	Success
FA_IICS_SCD1-6	sweekor's_iics_project		Oct 10, 2022, 8:50 PM	Oct 10, 2022, 8:51 PM	0	Failed
FA_IICS_SCD1-5	sweekor's_iics_project		Oct 10, 2022, 8:41 PM	Oct 10, 2022, 8:41 PM	0	Failed
FA_IICS_SCD1-4	sweekor's_iics_project		Oct 7, 2022, 8:05 PM	Oct 7, 2022, 8:05 PM	0	Success
FA_IICS_SCD1-3	sweekor's_iics_project		Oct 7, 2022, 8:03 PM	Oct 7, 2022, 8:04 PM	2	Success
FA_IICS_SCD1-2	sweekor's_iics_project		Oct 7, 2022, 7:54 PM	Oct 7, 2022, 7:54 PM	0	Success
FA_IICS_SCD1-1	sweekor's_iics_project		Oct 7, 2022, 7:49 PM	Oct 7, 2022, 7:49 PM	2	Success

SELECT * FROM FA_DB_M4_SCD1_TGT WHERE t_SupplierID =1;

Results 1 Results 2

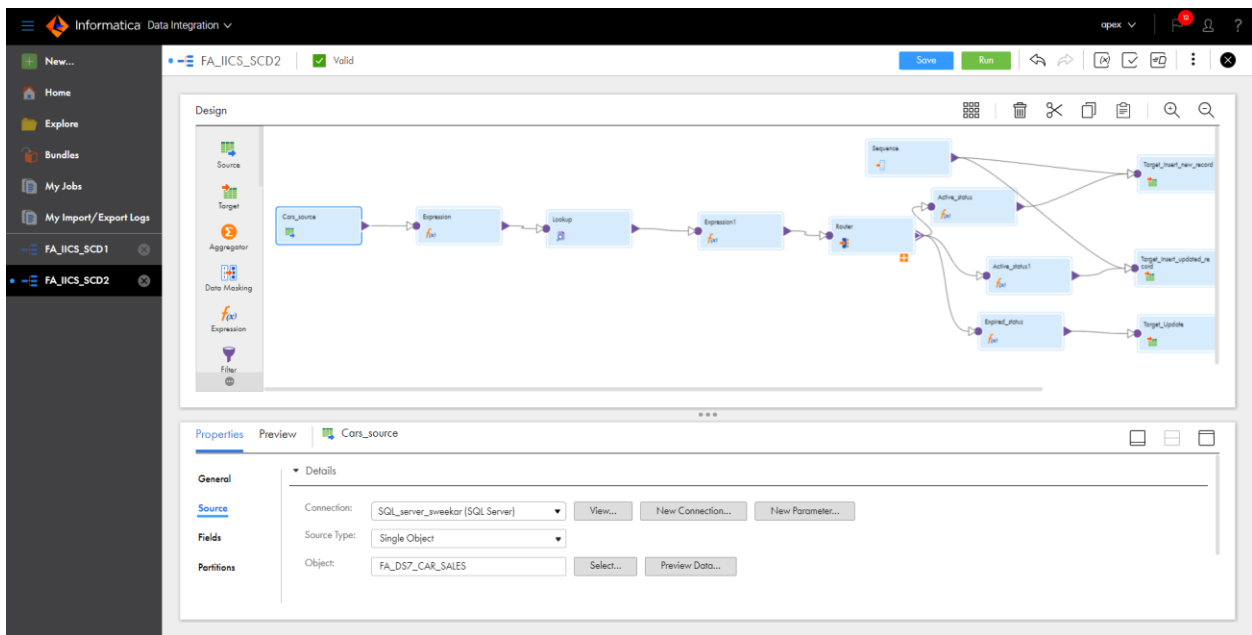
Enter a SQL expression to filter results (use Ctrl+Space)

	SupplierContactDetails	t_ProductID	t_CarMaker	t_CarModel	t_CarColor	t_CarModelYear	t_CarPrice	t_CustomerID	t_CustomerName
1	57-6028	8,893	Dodge	Ram 2500	Goldenrod	2,007	522,222	60760-224	Louie Hinsche

SCD2

The screenshot shows the Informatica SQL Editor with a query: `SELECT * FROM FA_DB_M4_SCD2_TGT;`. Below the query, there are two tabs: 'Results 1' and 'Results 2'. The 'Results 2' tab is active, displaying a data grid with columns: `t_seq_number`, `t_SupplierID`, `t_SupplierAddress`, `t_SupplierName`, `t_SupplierContactDetails`, `t_ProductID`, `t_CarMaker`, and `t_C`. The grid shows a single row of data.

t_seq_number	t_SupplierID	t_SupplierAddress	t_SupplierName	t_SupplierContactDetails	t_ProductID	t_CarMaker	t_C
123	123						



The screenshot shows the 'My Jobs' page in Informatica Data Integration. It displays a list of jobs with columns: Instance Name, Location, Subtasks, Start Time, End Time, Rows Processed, and Status. The jobs are listed in descending order of start time.

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_IICS_SCD2-9	sweekar's_IICS_project		Oct 10, 2022, 9:20 PM	Oct 10, 2022, 9:22 PM	1000	Success
FA_IICS_SCD2-7	sweekar's_IICS_project		Oct 8, 2022, 12:29 AM	Oct 8, 2022, 12:29 AM	2	Success
FA_IICS_SCD2-6	sweekar's_IICS_project		Oct 8, 2022, 12:19 AM	Oct 8, 2022, 12:19 AM	0	Failed
FA_IICS_SCD2-5	sweekar's_IICS_project		Oct 8, 2022, 12:08 AM	Oct 8, 2022, 12:09 AM	2	Success
FA_IICS_SCD2-4	sweekar's_IICS_project		Oct 8, 2022, 12:00 AM	Oct 8, 2022, 12:00 AM	2	Success
FA_IICS_SCD2-3	sweekar's_IICS_project		Oct 7, 2022, 11:39 PM	Oct 7, 2022, 11:39 PM	0	Failed
FA_IICS_SCD2-2	sweekar's_IICS_project		Oct 7, 2022, 11:32 PM	Oct 7, 2022, 11:32 PM	0	Failed
FA_IICS_SCD2-1	sweekar's_IICS_project		Oct 7, 2022, 11:31 PM	Oct 7, 2022, 11:31 PM	0	Failed

SELECT * FROM FA_DB_M4_SCD2_TGT;

Results 1 Results 2

SELECT * FROM FA_DB_M4_SCD2_TGT Enter a SQL expression to filter results (use Ctrl+Space)

Grid	PostalCode	t_Sales	t_Quantity	t_Discount	t_CreditCardType	t_CreditCard	t_CustomerFeedback	t_Checksum	t_status
1	99,522	744,796.41	1	0.83	diners-club-carte-blanc	0,408,000,000,000	Bad	4EE9998476	ACTIVE
2	56,398	794,773.17	1	0.79	jcb	9,220,000,000,000	Good	8FBFB80837	ACTIVE
3	60,674	968,244.9	1	0.28	jcb	7,160,000,000,000	Okay	5A20F8F6BC	ACTIVE
4	32,885	942,213.82	2	0.76	jcb	9,910,000,000,000	Very Bad	89D7E3D767	ACTIVE
5	48,232	879,519.57	1	0.5	china-unionpay	2,240,000,000,000	Bad	D7CD3DADD6	ACTIVE
6	31,136	947,785.4	2	0.39	laser	6,250,000,000,000	Good	E268D0A423	ACTIVE
7	2,208	883,836.81	2	0.79	diners-club-carte-blanc	0,528,100,000,000	Very Bad	OCA11E5C3B	ACTIVE
8	25,336	779,626.29	1	0.9	jcb	9,140,000,000,000	Bad	FD1627C3E2	ACTIVE
9	85,035	818,364.32	2	0.5	jcb	7,050,000,000,000	Okay	B48668FB29	ACTIVE
10	95,113	902,866.47	1	0.61	jcb	4,730,000,000,000	Very Bad	BBF762E3AE	ACTIVE

Save Cancel Script 200 200+ Rows: 0 200 row(s) fetched - 276ms (106ms fetch), on 2022-

SELECT * FROM FA_DS7_CAR_SALES;

UPDATE FA_DS7_CAR_SALES
SET CarPrice=522222
WHERE SupplierID =1;

Results 1 Results 2

SELECT * FROM FA_DS7_CAR_SALES Enter a SQL expression to filter results (use Ctrl+Space)

Grid	SupplierContactDetails	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	CustomerName
1	57-6028	8,893	Dodge	Ram 2500	Goldenrod	2,007	522,222	60760-224	Louie Hinsche
2	64-4060	9,444	Toyota	Tundra	Crimson	2,010	672,222.04	67457-594	Alexandros Manuel
3	19-1802	253	GMC	Savana 1500	Crimson	2,011	504,465.72	58411-135	Alvie Weighell
4	15-3112	1,283	Volkswagen	Cabriolet	Fuscia	1,990	646,077.11	0591-5307	Flint Gunston
5	23-6788	8,905	Mercury	Mariner	Teal	2,009	699,890.24	51655-189	Alyssa Filpi
6	57-0118	8,877	Toyota	Land Cruiser	Crimson	2,005	694,373.94	65811-0001	Wlatt Piche
7	97-2408	101	Subaru	Impreza	Indigo	1,999	546,977.55	31722-328	Findlay Alberti
8	69-6870	8,854	BMW	X6	Purple	2,013	528,353.8	54162-018	Ottile Wittman
9	19-7839	9,043	Mitsubishi	Galant	Orange	2,011	706,964.35	44911-0060	Kirsten Calvey
10	55-4653	492	Subaru	Justy	Crimson	1,988	798,573.59	54868-5732	Archer Landsborough

Informatica Data Integration

My Jobs Data Integration

Jobs (43) Updates available Updated 11:01:56 PM PDT

Add Field

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_IICS_SCD2-10	sweekar's_IICS_project		Oct 10, 2022, 11:01 PM	Oct 10, 2022, 11:02 PM	2	Success
FA_IICS_SCD1-9	sweekar's_IICS_project		Oct 10, 2022, 10:56 PM	Oct 10, 2022, 10:57 PM	1	Success
FA_IICS_SCD1-8	sweekar's_IICS_project		Oct 10, 2022, 10:52 PM	Oct 10, 2022, 10:52 PM	1	Success
FA_IICS_SCD2-9	sweekar's_IICS_project		Oct 10, 2022, 9:20 PM	Oct 10, 2022, 9:22 PM	1000	Success

SELECT * FROM FA_DB_M4_SCD2_TGT;
SELECT * FROM FA_DB_M4_SCD2_TGT WHERE t_SupplierID =1;

Results 1 Results 2

SELECT * FROM FA_DB_M4_SCD2_TGT WHERE Enter a SQL expression to filter results (use Ctrl+Space)

Grid	t_PostalCode	t_Sales	t_Quantity	t_Discount	t_CreditCardType	t_CreditCard	t_CustomerFeedback	t_Checksum	t_status
1	99,522	744,796.41	1	0.83	diners-club-carte-blanc	30,408,000,000,000	Bad	4EE9998476	EXPIRED
2	99,522	744,796.41	1	0.83	diners-club-carte-blanc	30,408,000,000,000	Bad	842369583A	ACTIVE

6. Create aggregate table based on the particular column (ex: Country code). Refer to the different data source from target system

The screenshot shows the Informatica Data Integration interface for a task named 'FA_DB_AGG_TASK'. The Design pane displays a simple flow from a Source to an Aggregator and then to a Target. The Properties pane for the Aggregator shows the 'Group by' field set to 'Not Parameterized' and the 'Aggregate' field set to 'Count(*)'. The Validation pane on the right indicates 'Mapping is valid'.

The screenshot shows the Informatica Data Integration interface for the same task 'FA_DB_AGG_TASK'. The Design pane shows the same flow. The Properties pane for the Aggregator is expanded to show the 'Aggregate' section, which includes a table of fields and expressions. The 'Group by' field is set to 'No_of_cans_sold'. The 'Aggregate' section includes a table with the following data:

Field Name	Expression	Field Description
No_of_cans_sold	SUM(Quantity)	
Total_sales	SUM(Sales)	

The Validation pane on the right indicates 'Mapping is valid'.

Informatica Data Integration

FA_DB_AGG_TASK Valid

Design

Source Aggregator Target

Properties Preview Target

General

Include Named Fields Included: 3 fields

Incoming Fields

Field Name	Type	Precision	Scale	Origin
CarMaker	string	255	0	FA_DS7_CAR_SALES
No_of_cars_sold	integer	10	0	Aggregator
Total_sales	bigint	19	0	Aggregator

Target Fields

Field Mapping

Validation

Mapping is valid

SELECT * FROM FA_IICS_CarSales_AGG_TABLE;

Results 1 Results 2

SELECT * FROM FA_IICS_CarSales_AGG_TABLE; Enter a SQL expression to filter results (use Ctrl+Space)

Grid	CarMaker	No_of_cars_sold	Total_sales
1	Acura	16	9,687,663
2	Aston Martin	3	1,786,736
3	Audi	38	21,496,148
4	Austin	2	777,049
5	BMW	41	23,742,310
6	Bentley	9	5,232,775
7	Buick	58	34,876,573
8	Cadillac	28	15,278,309
9	Chevrolet	125	70,988,582
10	Chrysler	23	11,921,982
11	Citroen	2	853,729

7. Create data replication task (single table and FULL DB).

I have considered that SBA National Banking has to share data related to the loan approved by different banks to a auditing company, **Replication task** can be used to do this.

STEP 1: Select the source connection of the SBA National Banking and include the objects to be replicated.

New Replication Task4

1 Source 2 Target 3 Field Exclusions 4 Data Filters 5 Schedule

Task Details

Task Name: * Replication Task4 ?

Location: * sweekars_ILCS_project Browse

Description: ?

Source Details

Source Connection: * SQL_server_sweekar View... New...

Objects to Replicate: *

☐ All Objects ?

☒ Include Objects Select...

FA_DS1_LOAN_APPROVAL

☐ Exclude Objects Select...

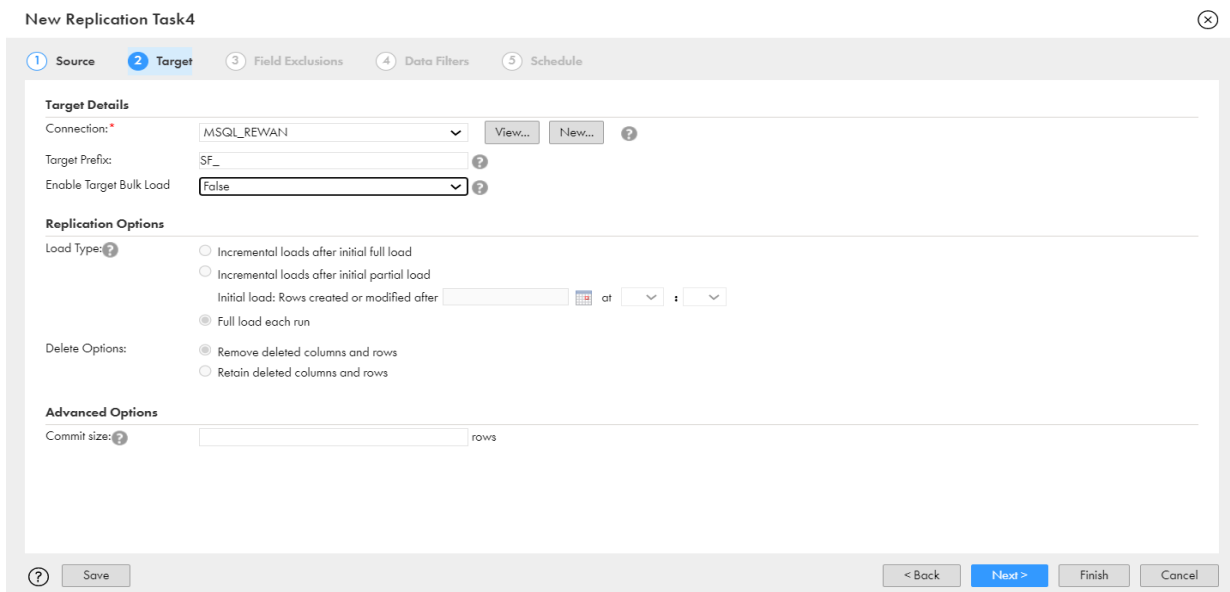
If an error occurs while processing an object:

☒ Cancel processing the remaining objects

☐ Continue processing of the remaining objects

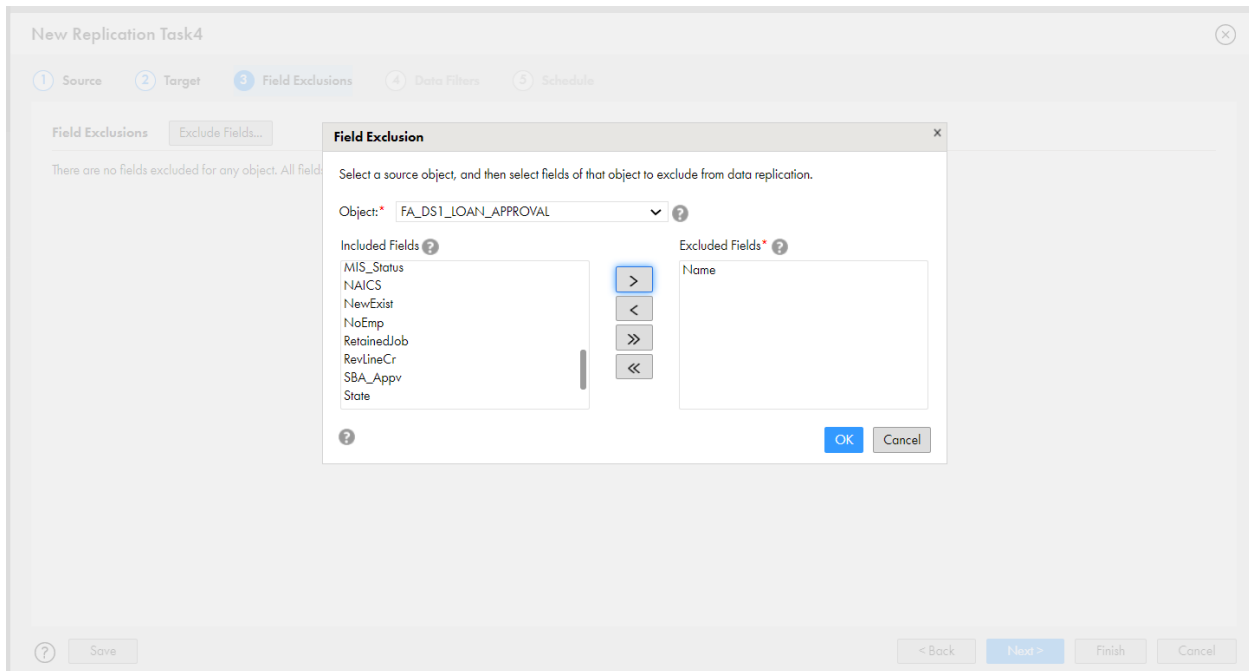
? Save < Back Next > Finish Cancel

STEP 2: Make the target connection to the auditing company's database.



The screenshot shows the 'New Replication Task4' window with the 'Target' tab selected. The 'Target Details' section includes a 'Connection' dropdown set to 'MSQL_REWAN', a 'View...' button, a 'New...' button, a 'Target Prefix' text field with 'SF_', and an 'Enable Target Bulk Load' dropdown set to 'False'. The 'Replication Options' section has a 'Load Type' dropdown set to 'Full load each run' and a 'Delete Options' section with 'Remove deleted columns and rows' selected. The 'Advanced Options' section has a 'Commit size' text field set to '1' rows. The bottom of the window has a 'Save' button and navigation buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

STEP 3: The name column in the table contains personal information of the customers and if there is a law that protects personal details from third party then the name column has to be excluded



The screenshot shows the 'New Replication Task4' window with the 'Field Exclusions' tab selected. A 'Field Exclusion' dialog box is open, showing a list of 'Included Fields' (MIS_Status, NAICS, NewExist, NoEmp, RetainedJob, RevLineCr, SBA_Appv, State) and an 'Excluded Fields' list (Name). The 'Object' dropdown is set to 'FA_DS1_LOAN_APPROVAL'. The dialog has 'OK' and 'Cancel' buttons. The background window shows the 'Field Exclusions' tab with an 'Exclude Fields...' button and a message: 'There are no fields excluded for any object. All fields are included.' The bottom of the window has a 'Save' button and navigation buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

STEP 4: If the auditing company only has permission to audit the records before financial year 2005

New Replication Task4

1 Source 2 Target 3 Field Exclusions 4 **Data Filters** 5 Schedule

Row Limit

☒ Process all rows
☐ Process only the first 100

Data Filters [New...](#)

There are no filters defined. The task will process all data.

Data Filter

To define a data filter, select an object, select a field, select an operator, and then enter a filter value. Click OK to add the data filter to the task.

Object:

Filter by:

Type: DOUBLE Example: 123456.78

[Advanced...](#) [OK](#) [Cancel](#)

[? Save](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

STEP 5: We can also schedule the task later in a specified time and we can also add Failure email notification/Warning email notification (For the team on the SBA National Banking team) and the Success email Notification (For both the teams on SBA National banking as well as the auditing company's side)

New Replication Task4

1 Source 2 Target 3 Field Exclusions 4 Data Filters 5 **Schedule**

Schedule Details

☒ Do not run this task on a schedule [?](#)
☐ Run this task on schedule: [New...](#) [?](#)

Email Notification Options

☐ Use the default email notification options for my organization
☒ Use custom email notification options for this task:

Failure Email Notification:

Warning Email Notification:

Success Email Notification:

Execution Mode

Mode: ☒ Standard [?](#)

[? Save](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Renaming the task to FA_DB_RT_LOAN_APPROVAL(Final Assessment Replication task of loan approval)

FA_DB_RT_LOAN_APPROVAL

EditRun

Task Details

Task Name:

FA_DB_RT_LOAN_APPROVAL

Location:

sweekar_IIICS_project

Description:

Created On:

Oct 8, 2022 9:02:30 PM

Updated On:

Oct 8, 2022 9:03:37 PM

Created By:

sweekar_kt

Updated By:

sweekar_kt

Last Run:

Source Details

Source Connection:

SQL_server_sweekar

Included Objects:

FA_DS1_LOAN_APPROVAL

Stop on Error:

Cancel processing the remaining objects

Target Details

Target Connection:

MSQL_REWAN

Target Prefix:

SF_

Load Type:

Full load each run

Delete Options:

Remove deleted columns and rows

Commit size:

Not specified

Enable Target Bulk Load:

False

Field Exclusions

FA_DS1_LOAN_APPROVAL

Name

The replication task is being executed and the rows are getting processed.

Informatica Data Integration

apex

My Jobs

Data Integration

Jobs (1 items found) Up to date

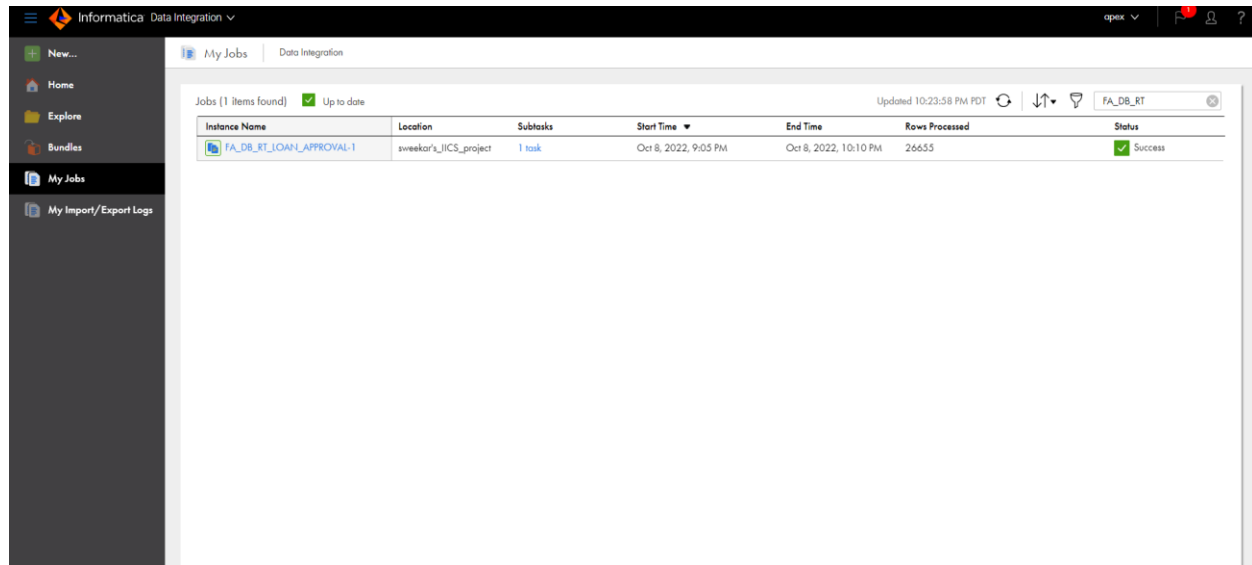
Updated 9:32:31 PM PDT

FA_DB_RT_LOAN_APPROVAL

Add Field

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_DB_RT_LOAN_APPROVAL-1	sweekar_IIICS_project	1 task	Oct 8, 2022, 9:05 PM		14800	Running

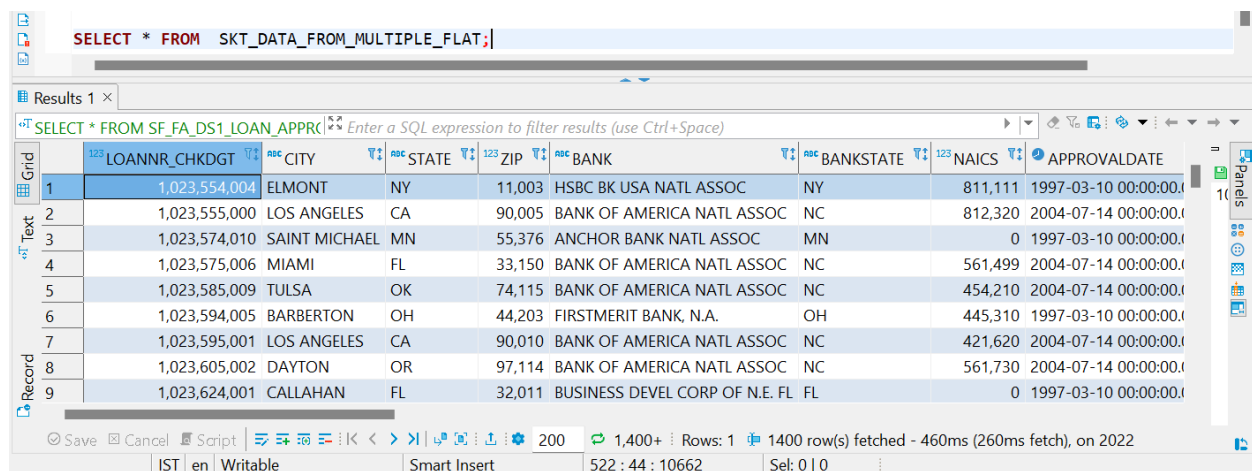
The replication task has got executed, as we can see 26655 were transferred to the target and it took around 1 hour 5 minutes to completely execute.



The screenshot shows the Informatica Data Integration console. On the left is a sidebar with navigation options: New..., Home, Explore, Bundles, My Jobs, and My Import/Export Logs. The main area is titled 'My Jobs' and 'Data Integration'. It displays a table of jobs with the following columns: Instance Name, Location, Subtasks, Start Time, End Time, Rows Processed, and Status. A single job is listed: 'FA_DB_RT_LOAN_APPROVAL-1' located at 'sweekar's_JICS_project', with 1 subtask, starting on Oct 8, 2022 at 9:05 PM, ending at 10:10 PM, processing 26655 rows, and with a 'Success' status. The status bar at the top right indicates 'Updated 10:23:58 PM PDT'.

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_DB_RT_LOAN_APPROVAL-1	sweekar's_JICS_project	1 task	Oct 8, 2022, 9:05 PM	Oct 8, 2022, 10:10 PM	26655	Success

I verified in the target dataset that name column was not



The screenshot shows the Informatica Data Integration console with a SQL query editor and a results grid. The query is 'SELECT * FROM SKT_DATA_FROM_MULTIPLE_FLAT;'. The results grid displays 9 rows of data with columns: LOANNR_CHKDG, CITY, STATE, ZIP, BANK, BANKSTATE, NAICS, and APPROVALDATE. The status bar at the bottom indicates 'Save', 'Cancel', 'Script', '200', '1,400+', 'Rows: 1', '1400 row(s) fetched - 460ms (260ms fetch), on 2022', 'IST | en | Writable', 'Smart Insert', '522 : 44 : 10662', 'Sel: 0 | 0'.

Grid	123	LOANNR_CHKDG	123	CITY	123	STATE	123	ZIP	123	BANK	123	BANKSTATE	123	NAICS	123	APPROVALDATE
1		1,023,554,004		ELMONT		NY		11,003		HSBC BK USA NATL ASSOC		NY		811,111		1997-03-10 00:00:00.0
2		1,023,555,000		LOS ANGELES		CA		90,005		BANK OF AMERICA NATL ASSOC		NC		812,320		2004-07-14 00:00:00.0
3		1,023,574,010		SAINT MICHAEL		MN		55,376		ANCHOR BANK NATL ASSOC		MN		0		1997-03-10 00:00:00.0
4		1,023,575,006		MIAMI		FL		33,150		BANK OF AMERICA NATL ASSOC		NC		561,499		2004-07-14 00:00:00.0
5		1,023,585,009		TULSA		OK		74,115		BANK OF AMERICA NATL ASSOC		NC		454,210		2004-07-14 00:00:00.0
6		1,023,594,005		BARBERTON		OH		44,203		FIRSTMERIT BANK, N.A.		OH		445,310		1997-03-10 00:00:00.0
7		1,023,595,001		LOS ANGELES		CA		90,010		BANK OF AMERICA NATL ASSOC		NC		421,620		2004-07-14 00:00:00.0
8		1,023,605,002		DAYTON		OR		97,114		BANK OF AMERICA NATL ASSOC		NC		561,730		2004-07-14 00:00:00.0
9		1,023,624,001		CALLAHAN		FL		32,011		BUSINESS DEVEL CORP OF N.E. FL		FL		0		1997-03-10 00:00:00.0

I have also received the below mail informing me about the task completed successfully.

Data Replication task "FA_DB_RT_LOAN_APPROVAL" completed successfully. [Org Name: apex] Inbox x 🖨 🔗

 **admin@informaticacloud.com** 10:40 AM (1 hour ago) ☆ ↩ ⋮

to me ▾

The Data Replication Task **FA_DB_RT_LOAN_APPROVAL** completed successfully.

Organization ID:	5UJJup1dugNiMP4IqbOqGE
Organization Name:	apex
Start Time:	Oct 8, 2022 9:05:37 PM (PDT)
End Time:	Oct 8, 2022 10:10:11 PM (PDT)
Load Type:	Full Load
Result:	26655 Success Rows, 0 Errors.

You can access your Informatica Cloud account at <https://dm-ap.informaticacloud.com/ma>

Replicating entire DB

apxe1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/Explore/5pRbKLv7m6yhEZh6mTRQGW

Informatica Data Integration

New FA_M4_RT_ENTIRE_DB

1 Source 2 Target 3 Field Exclusions 4 Data Filters 5 Schedule

Schedule Details

☒ Do not run this task on a schedule ?

☐ Run this task on schedule: New... ?

Email Notification Options

☐ Use the default email notification options for my organization

☒ Use custom email notification options for this task:

Failure Email Notification:

Warning Email Notification:

Success Email Notification:

Execution Mode

Mode* ☒ Standard ? ☐ Verbose ?

? Save < Back Next > Finish Cancel

https://apxe1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#step-iwz5displayStep5

apxe1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/Explore/5pRbKLv7m6yhEZh6mTRQGW

Informatica Data Integration

New FA_M4_RT_ENTIRE_DB

1 Source 2 Target 3 Field Exclusions 4 Data Filters 5 Schedule

Row Limit

☒ Process all rows

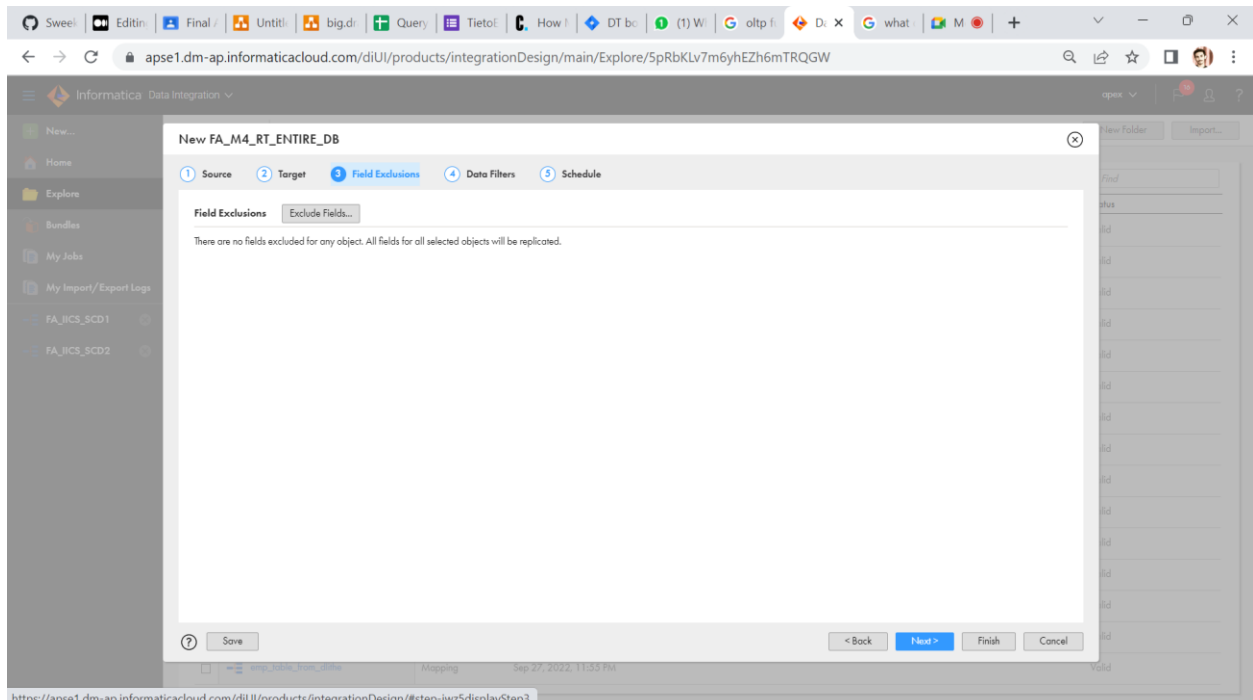
☐ Process only the first 100 rows

Data Filters New...

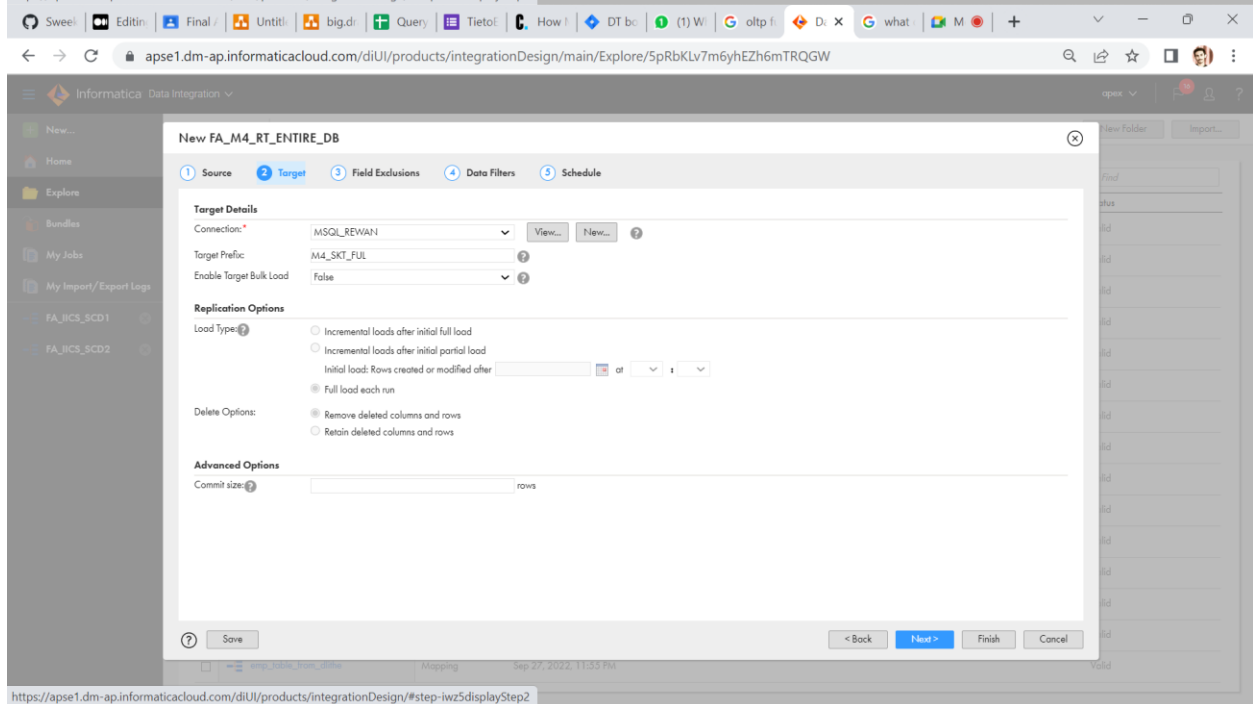
There are no filters defined. The task will process all data from source.

? Save < Back Next > Finish Cancel

https://apxe1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#step-iwz5displayStep4



https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#step-iwz5displayStep3



https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/#step-iwz5displayStep2

