

Module 4 IICS: 20 Points

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

->Source Table: SQL(HEALTH_DATA_IICS)

The screenshot shows the DBBeaver interface with the following details:

- File Bar:** File, Edit, Navigate, Search, SQL Editor, Database, Window, Help.
- Toolbar:** Undo, Redo, Commit, Rollback, Auto, Database, User, Script, Search, Refresh.
- Database Navigator:** Shows connections to DBeaver Sample Database (SQLite), dlithe (rewansolution.database.windows.net:1433), lavanya (rewansolution.database.windows.net:1433), and oracle-88094-0.cloudclusters.net (oracle-88094-0.cloudclusters.net).
- Script Editor:** Contains SQL code for creating the source table `TE_FA_HEALTH_SRC_IICS` and the destination table `TE_FA_HEALTH_TGT_IICS`. The source table structure includes columns: SURGERY_CODE (nvarchar(255)), DISTRICT_NAME (nvarchar(255)), PREAUTH_AMT (float), CLAIM_AMOUNT (float), HOSP_NAME (nvarchar(255)), SURGERY_DATE (datetime), and DISCHARGE_DATE (datetime). The destination table structure includes columns: PID (float), AGE (float), GENDER (nvarchar(255)), CATEGORY_NAME (nvarchar(255)), SURGERY_CODE (nvarchar(255)), DISTRICT_NAME (nvarchar(255)), PREAUTH_AMT (float), CLAIM_AMOUNT (float), HOSP_NAME (nvarchar(255)), SURGERY_DATE (datetime), and DISCHARGE_DATE (datetime).
- Project - General:** Shows a list of items: Name, Bookmarks, Diagrams, and Scripts.
- Results 1:** Shows the results of the last query run.
- System Tray:** Displays weather (75°F Cloudy), system icons, and the date/time (12:07 PM, 10/6/2022).

->Destination Table: SQL

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects <dilthe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql <><lavanya> Script-2

Enter a part of object name here

> DBeaver Sample Database (SQLite)

> dilthe - rewsolutions.database.windows.net:1433

> lavanya - rewsolutions.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

[SURGERY_CODE] nvarchar(255),
[DISTRICT_NAME] nvarchar(255),
[PREAUTH_AMT] float,
[CLAIM_AMOUNT] float,
[HOSP_NAME] nvarchar(255),
[SURGERY_DATE] datetime,
[DISCHARGE_DATE] datetime
)

SELECT * FROM TE_FA_HEALTH_SRC_IICS

----- SOURCE TABLE -----SQL (HEALTH_DATA_IICS)
CREATE TABLE TE_FA_HEALTH_SRC_IICS
(
[PID] float,
[AGE] float,
[GENDER] nvarchar(255),
[CATEGORY_NAME] nvarchar(255),
[SURGERY_CODE] nvarchar(255),
[DISTRICT_NAME] nvarchar(255),
[PREAUTH_AMT] float,
[CLAIM_AMOUNT] float,
[HOSP_NAME] nvarchar(255),
[SURGERY_DATE] datetime,
[DISCHARGE_DATE] datetime
)

SELECT * FROM TE_FA_HEALTH_SRC_IICS

----- DESTINATION TABLE -----SQL

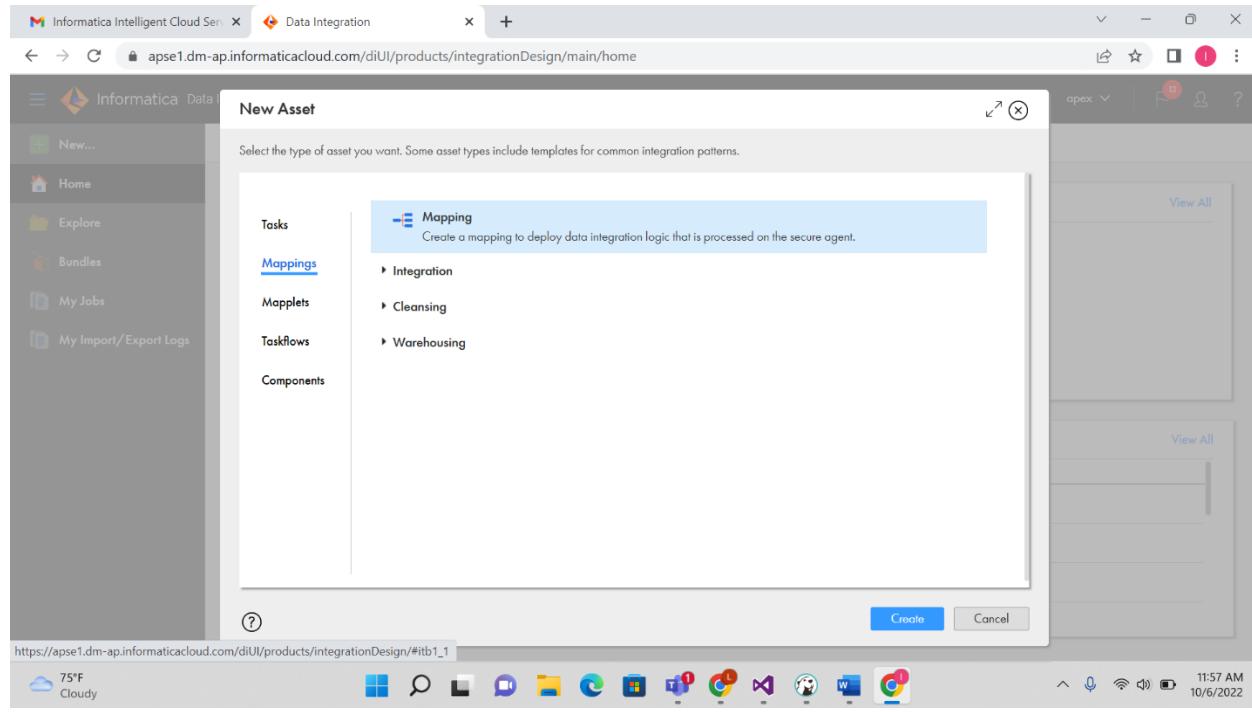
SELECT * FROM TE_FA_HEALTH_TGT_IICS

Steps to Execute IICS :

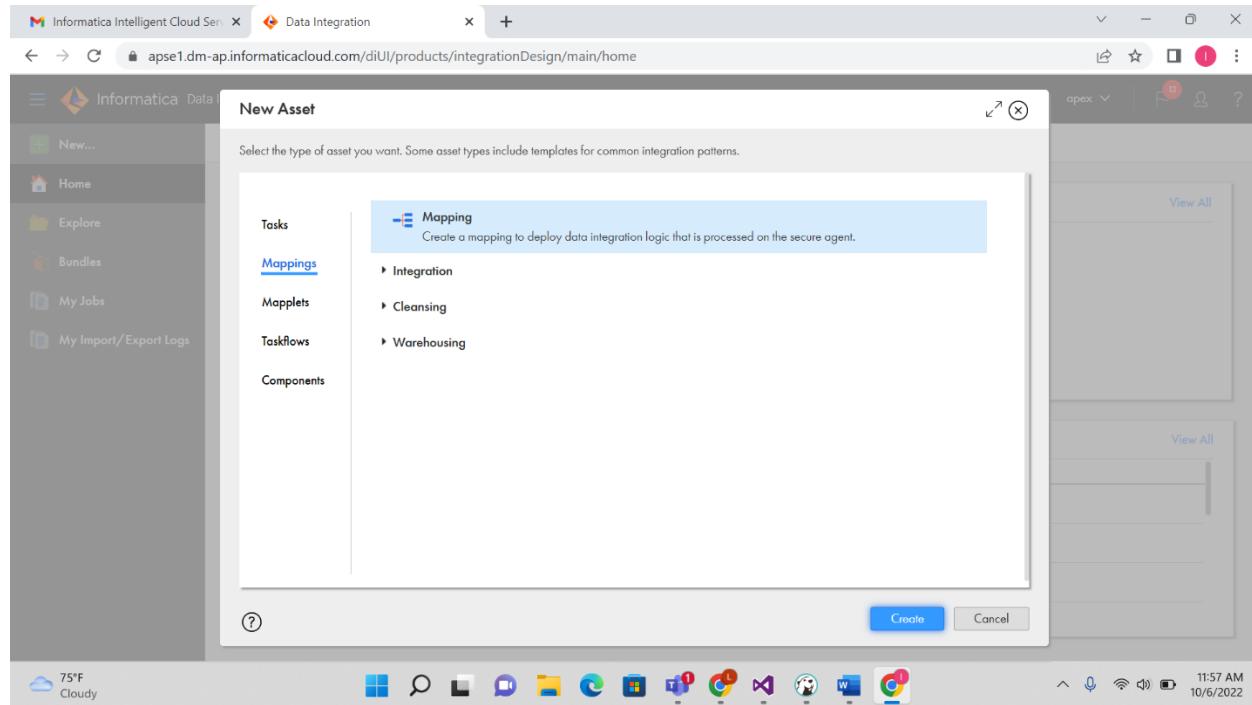
- STEP 1-

The screenshot shows the Informatica Data Integration Home page. The left sidebar includes options like New..., Home, Explore, Bundles, My Jobs, and My Import/Export Logs. The main area has sections for Overview (4 Runtime Environments, 33 Connections, 27 Projects, 2 Folders), Runtime Environments (listing Hosted Agent as Up and Run, and three desktop agents as Stopped or Not all serv), My Jobs (No jobs were run), Most Recent Project (Lavanya_IICS with 12 assets, 9 Valid and 3 Invalid), and Recent Assets (a table with three rows: Emp_S... (Last Accessed Oct 3, 2022, 12:14 AM), EMP_A... (Oct 2, 2022, 10:08 PM), and EMPLO... (Oct 1, 2022, 3:10 AM)).

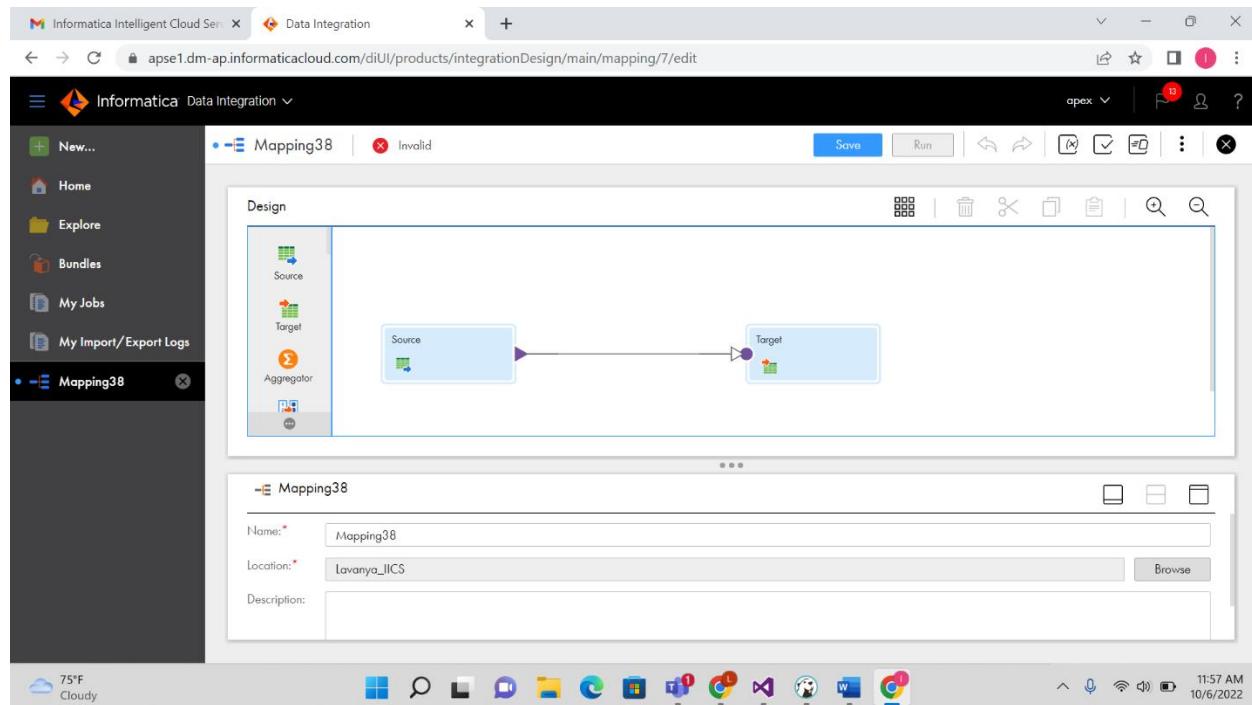
● STEP 2-



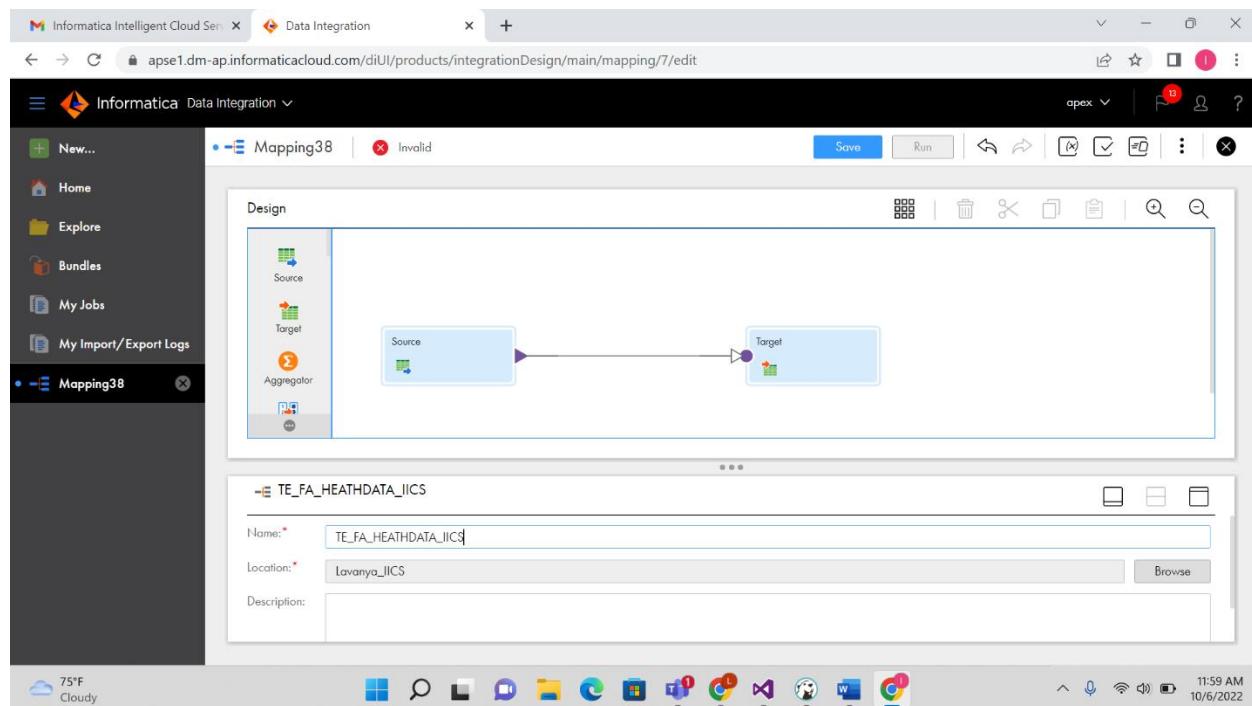
STEP 3-



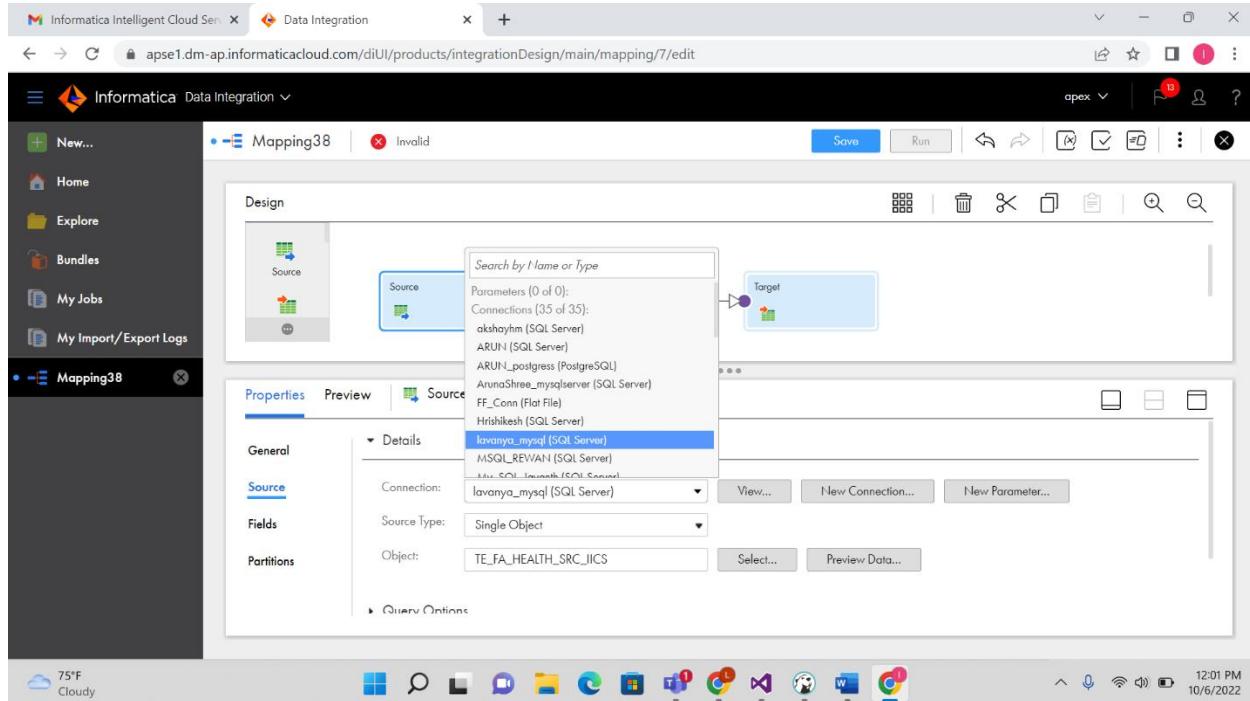
- STEP 4-



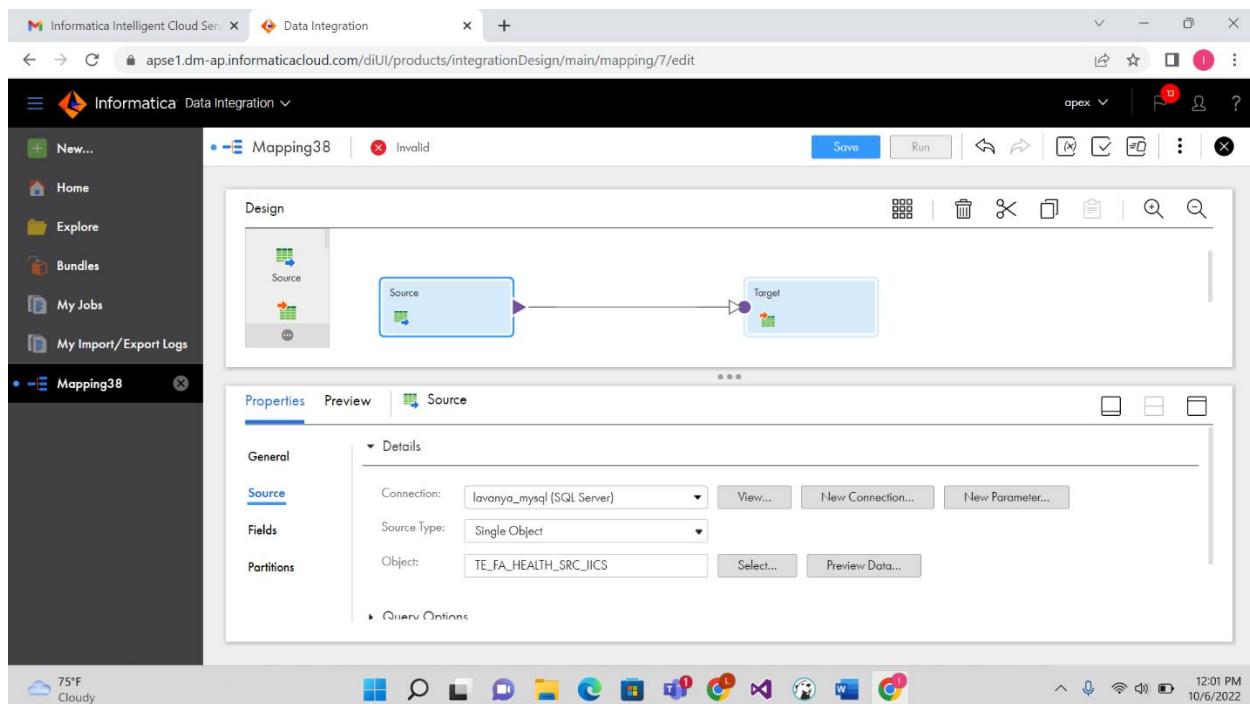
- STEP 5-



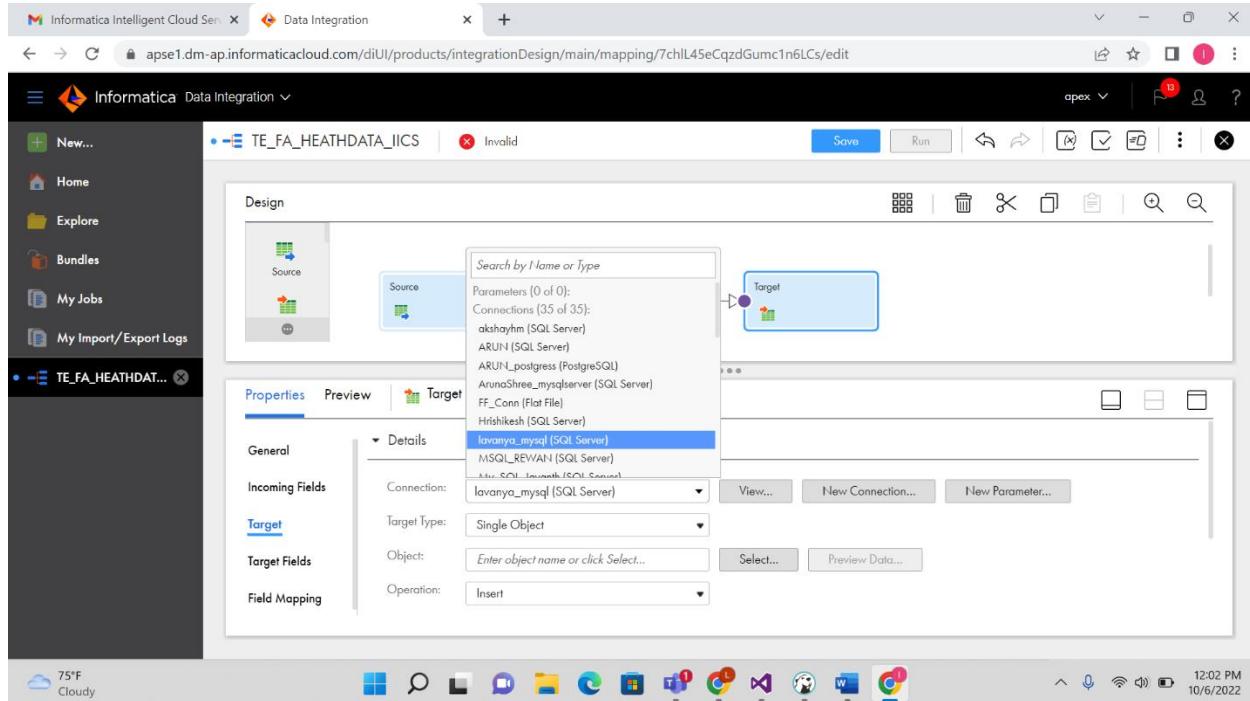
● STEP 6-



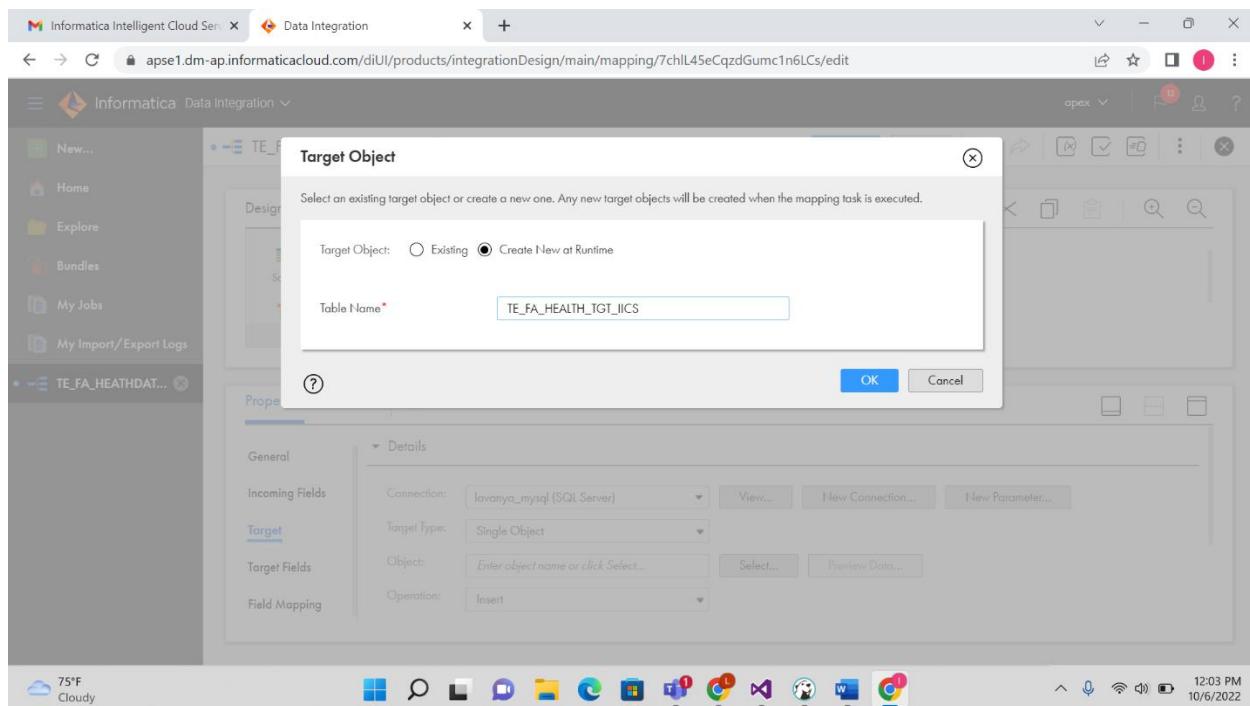
● STEP 7-



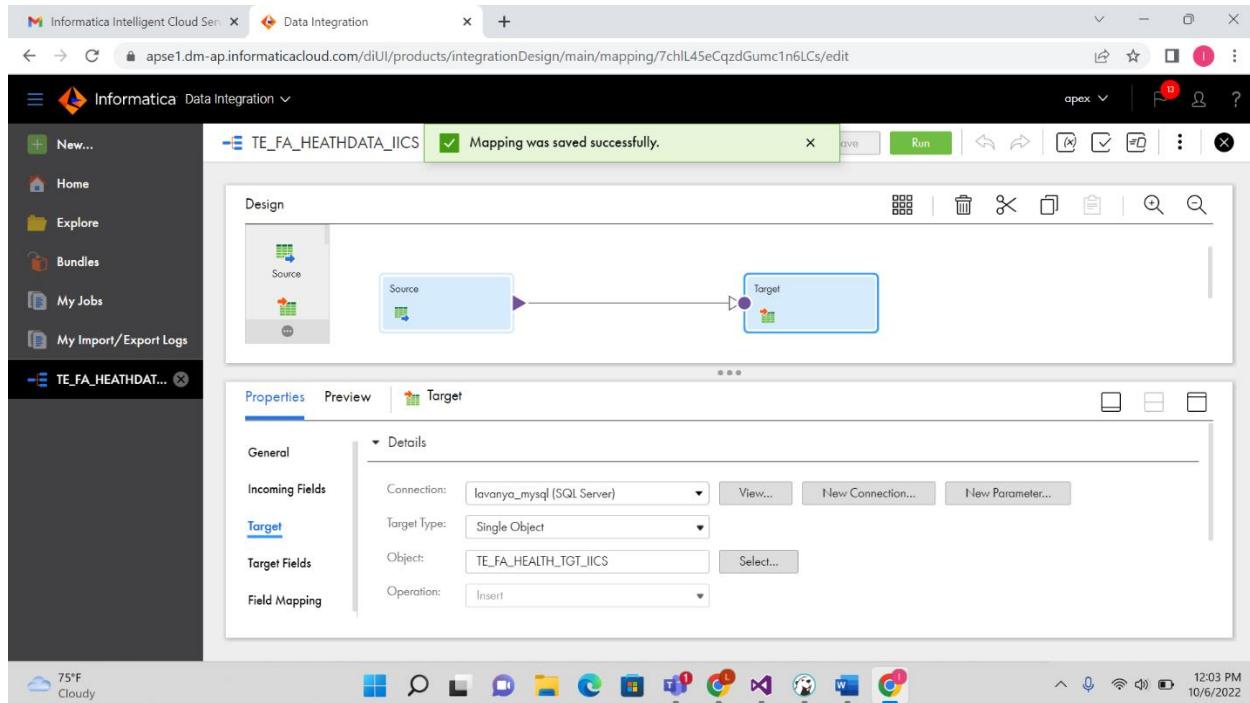
● STEP 8-



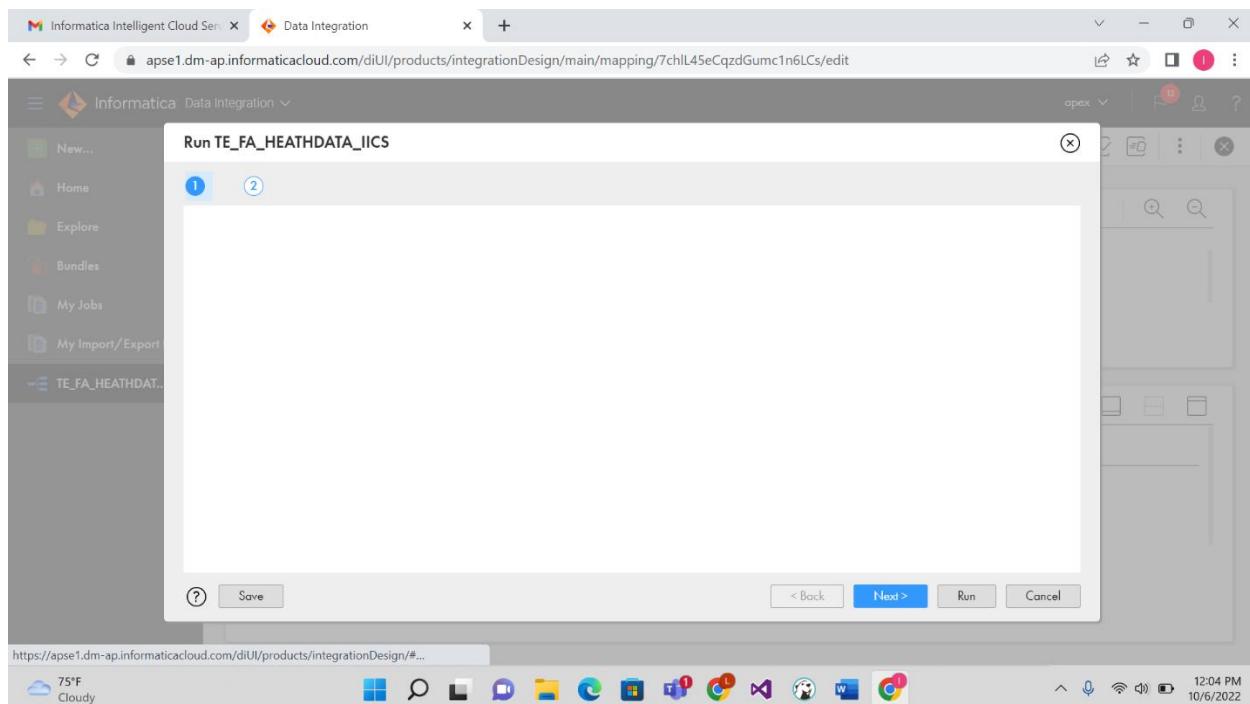
● STEP 9-



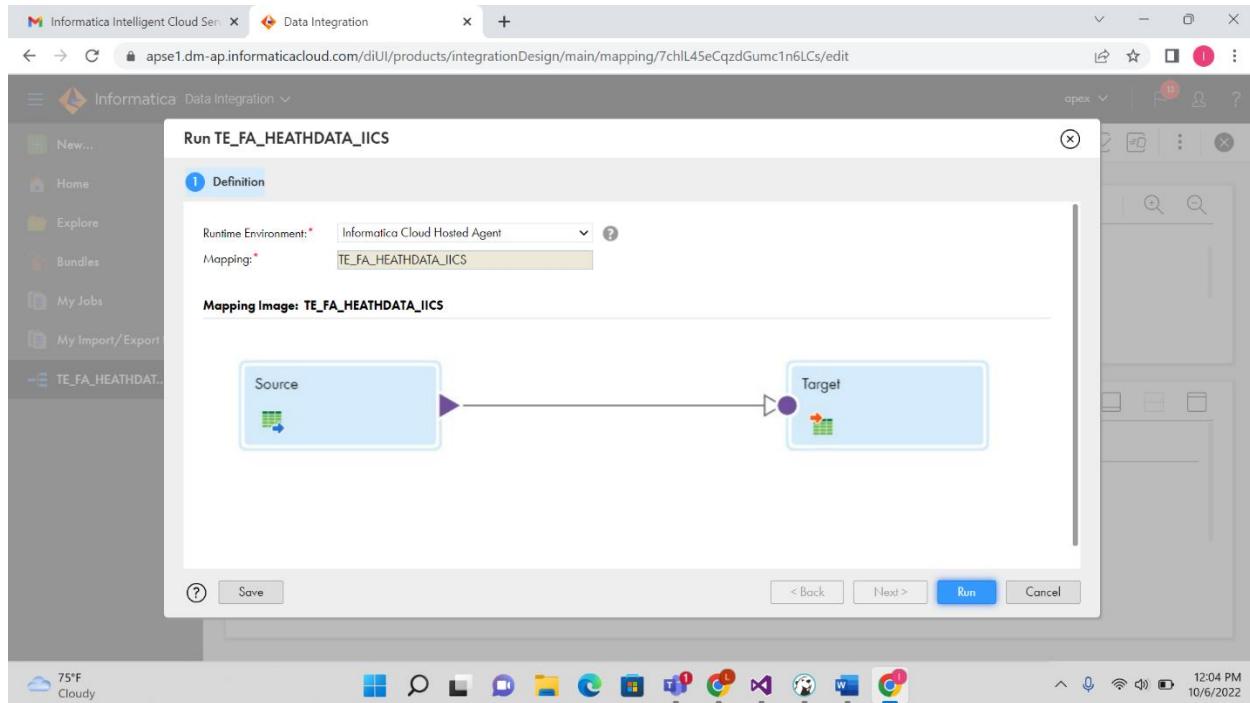
- STEP 10-



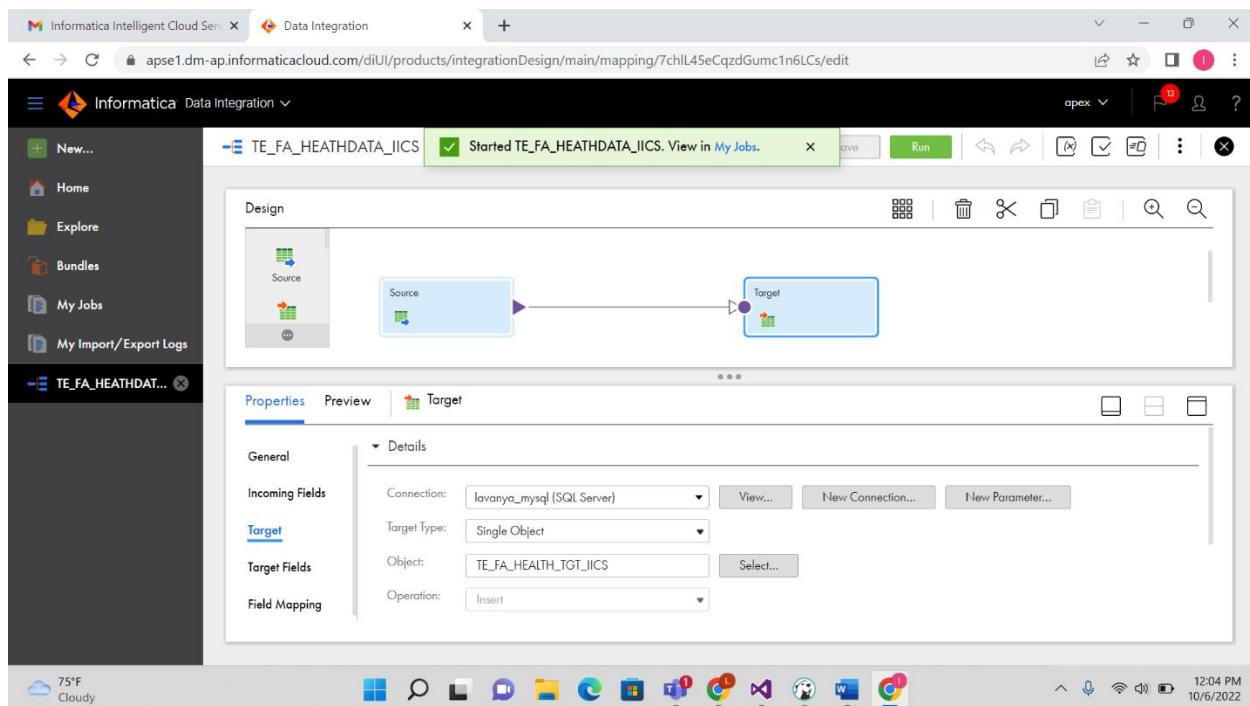
- STEP 11-



- STEP 12-



- STEP 13-



● STEP 14-

The screenshot shows the Informatica Intelligent Cloud Service Data Integration interface. The left sidebar includes options like New..., Home, Explore, Bundles, My Jobs (selected), My Import/Export Logs, and TE_FA_HEALTHDATA... (with a delete icon). The main area displays a table titled 'Jobs (1 of 8)' with one row. The row details are:

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTHDATA_II...	Lavanya_IICS		Oct 5, 2022, 11:34 ...	Oct 5, 2022, 1...	100	Success

At the bottom of the screen, the Windows taskbar shows the date and time as 10/6/2022 and 12:07 PM.

RESULT:

The screenshot shows the DBeaver 22.2.0 interface with the following details:

- File Bar:** File, Edit, Navigate, Search, SQL Editor, Database, Window, Help.
- Toolbar:** SQL, Commit, Rollback, Auto, lavanya, dbo@lavanya, Projects.
- Database Navigator:** Shows projects, databases, and scripts.
- SQL Editor:** A query window titled 'SURGERY_CODE1 nvarchar(255)' containing the following SQL:


```
SELECT * FROM TE_FA_HEALTH_TGT_IIC
```
- Results Grid:** Displays the data from the query. The columns are: PID, AGE, GENDER, CATEGORY_NAME, SURGERY_CODE, DISTRICT_NAME, PREAUTH_AMT, CLAIM_AMC. The data includes rows for various patients with their respective details and amounts.
- Project - General:** Shows the project structure with 'DataSource' selected.
- Record View:** Shows the current record being edited.
- Bottom Bar:** Save, Cancel, Script, IST, en, Writable, Smart Insert, Rows: 0, 100 row(s) fetched - 270ms (6ms fetch), on 2022-10-06 12:07 PM.

The screenshot shows the DBBeaver interface with a query results grid. The grid displays data from a table named 'SURGERY_CODE'. The columns are: PID, AGE, GENDER, CATEGORY_NAME, SURGERY_CODE, DISTRICT_NAME, PREAUTH_AMT, and CLAIM_AMC. The data includes various medical categories like Cardiology, Gynaecology, and Orthopedics, along with their respective codes and geographical distribution.

PID	AGE	GENDER	CATEGORY_NAME	SURGERY_CODE	DISTRICT_NAME	PREAUTH_AMT	CLAIM_AMC
80	80	46	Male	CARDIOLOGY	M5.1.2	Guntur	30,000
81	81	60	Male	CARDIAC AND CARDIO1	S7.2.1.1	Guntur	115,846
82	82	1	Female(Child)	COCHLEAR IMPLANT SU	S16.1.1	Vishakhapatnam	520,000
83	83	31	Male	CARDIAC AND CARDIO1	S7.2.1.3	Guntur	65,010
84	84	42	Male	CARDIAC AND CARDIO1	S7.2.1.1	Guntur	115,846
85	85	40	Female	GYNÄCOLOGY AND OB	S4.2.1	Prakasam	30,000
86	86	57	Male	CARDIAC AND CARDIO1	S7.2.1.1	Guntur	115,846
87	87	40	Male	NEPHROLOGY	M6.5	Vishakhapatnam	12,500
88	88	58	Male	NEPHROLOGY	M6.5	Nellore	12,500
89	89	35	Male	NEPHROLOGY	M6.4	Srikakulam	30,870
90	90	45	Male	CARDIAC AND CARDIO1	S7.2.10.1	Guntur	145,000
91	91	1	Male(Child)	COCHLEAR IMPLANT SU	S16.1.1	Prakasam	520,000
92	92	60	Male	NEPHROLOGY	M6.5	Guntur	12,500
93	93	56	Male	RADIATION ONCOLOGY	S13.2.1	Nellore	66,300
94	94	72	Female	ORTHOPEDIC SURGERY	S5.4.6	Guntur	30,000
95	95	59	Male	NEPHROLOGY	M6.5	Nellore	12,500
96	96	38	Male	NEPHROLOGY	M6.5	Vizianagaram	12,500
97	97	57	Male	NEPHROLOGY	M6.5	Nellore	12,500
98	98	75	Male	NEPHROLOGY	M6.5	Krishna	12,500
99	99	59	Male	NEPHROLOGY	M6.5	Srikakulam	12,500
100	100	60	Male	RADIATION ONCOLOGY	S13.1.3	East Godavari	15,000

5. Perform SCD 1 & SCD2 dimension table modelling

->SCD1:

SOURCE AND TARGET TABLE –

The screenshot shows the DBBeaver interface with a SQL editor window. The code creates a table named 'TE_FA_HEALTH_SCD1_SRC' with columns: PID (float), CATEGORY_NAME (nvarchar(255)), HOSP_NAME (nvarchar(255)), PREAUTH_AMT (float), and CLAIM_AMOUNT (float). It then inserts 12 rows of data into the table, categorized by 'DERMATOLOGY' and 'CARDIOLOGY'.

```

-----IICS SCD1-----
---SOURCE---
CREATE TABLE TE_FA_HEALTH_SCD1_SRC
(
PID float,
CATEGORY_NAME nvarchar(255),
HOSP_NAME nvarchar(255),
PREAUTH_AMT float,
CLAIM_AMOUNT float
)

UPDATE TE_FA_HEALTH_SCD1_SRC
SET CATEGORY_NAME = 'DERMATOLOGY'
WHERE PID = '2'

INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(1,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(2,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(3,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(4,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(5,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(6,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(7,'CARDIAC AND CARDIOTHORACIC SURGERY','Karumuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(8,'CARDIAC AND CARDIOTHORACIC SURGERY','Karumuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(9,'CARDIOLOGY','Karumuri Hospital',30000,30000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(10,'CARDIOLOGY','Karumuri Hospital',40000,40000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(11,'PEDIATRICS','Area Hospital Cheerala',35000,25000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(12,'ORTHOPEDIC SURGERY AND PROCEDURES','7 STAR SUPER SPECIALITY HOSPITAL',50000,35000)

```

```

DBBeaver 22.2.0 - <lavanya> Script-2
File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> dlithe - rewarresolution.database.windows.net:1433
> lavanya - rewarresolution.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net
dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql *<lavanya> Script-2
Database Navigator Projects
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> dlithe - rewarresolution.database.windows.net:1433
> lavanya - rewarresolution.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net
databasesql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql *<lavanya> Script-2
CREATE TABLE TE_FA_HEALTH_SCD1_TGT
(
    patient_key FLOAT,
    patient_id float,
    catg_name nvarchar(255),
    hospital_name nvarchar(255),
    Checksum nvarchar(255)
)

SELECT * FROM TE_FA_HEALTH_SCD1_SRC
-----DESTINATION-----
CREATE TABLE TE_FA_HEALTH_SCD1_TGT
(
    patient_key FLOAT,
    patient_id float,
    catg_name nvarchar(255),
    hospital_name nvarchar(255),
    Checksum nvarchar(255)
)

SELECT * FROM TE_FA_HEALTH_SCD1_SRC

```

Project - General

- Name
- DataSource
- Bookmarks
- Diagrams
- Scripts

Results 1

IST | en | Writable | Smart Insert | 508 : 36 : 22224 | Sel: 0 | 0

10:28 AM 10/7/2022

STEPS TO EXECUTE IICS:

STEP 1-

New Asset

Select the type of asset you want. Some asset types include templates for common integration patterns.

Mappings

- Mapping
- Integration
- Cleansing
- Warehousing

Components

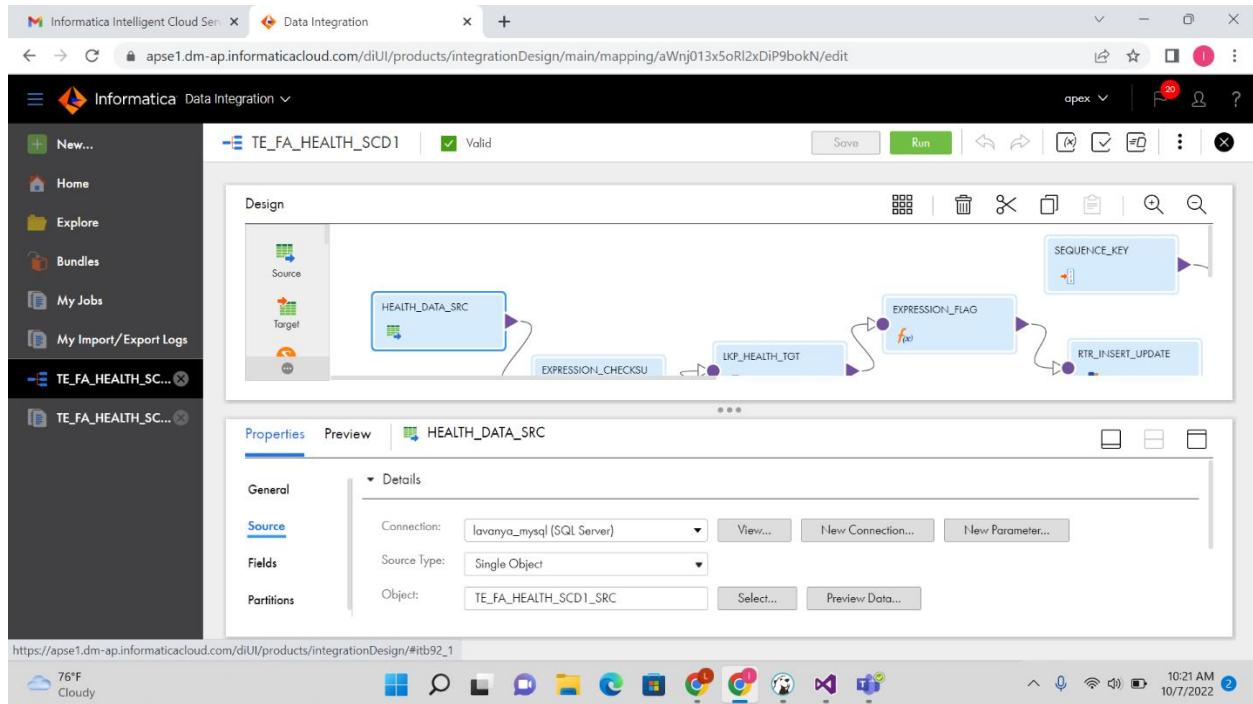
Create a mapping to deploy data integration logic that is processed on the secure agent.

Create Cancel

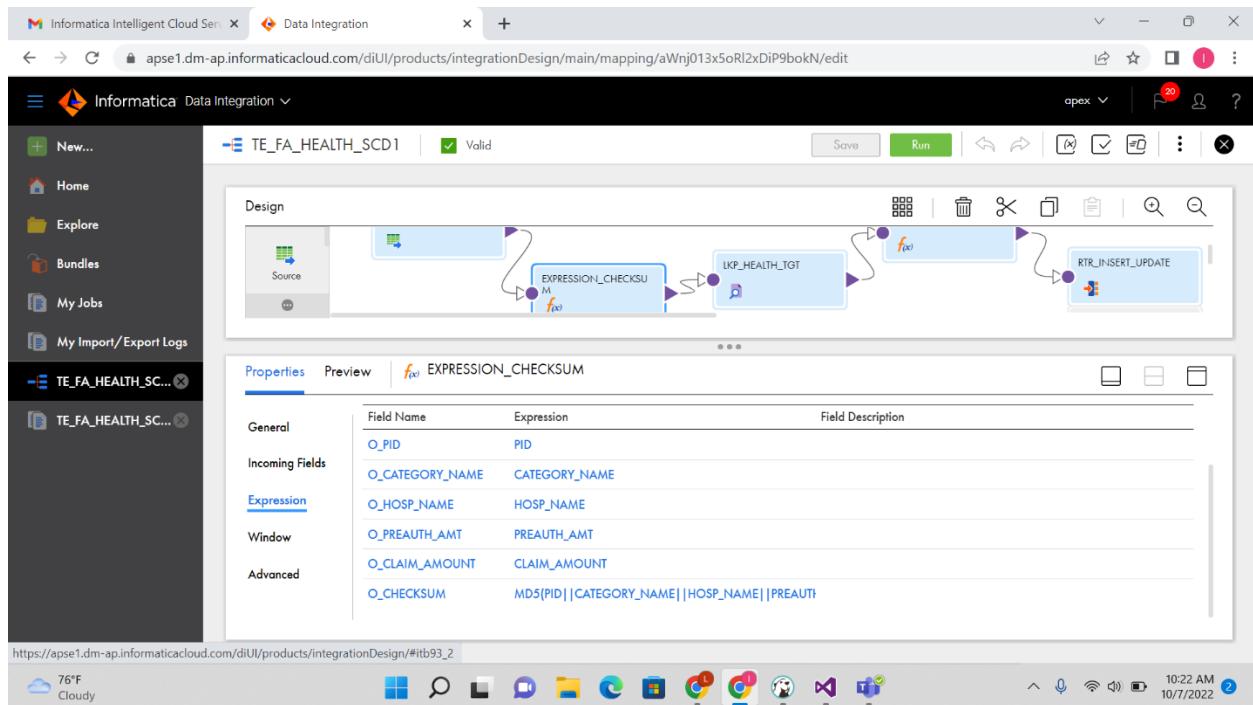
https://apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/home

71°F Partly sunny 8:45 AM 10/7/2022

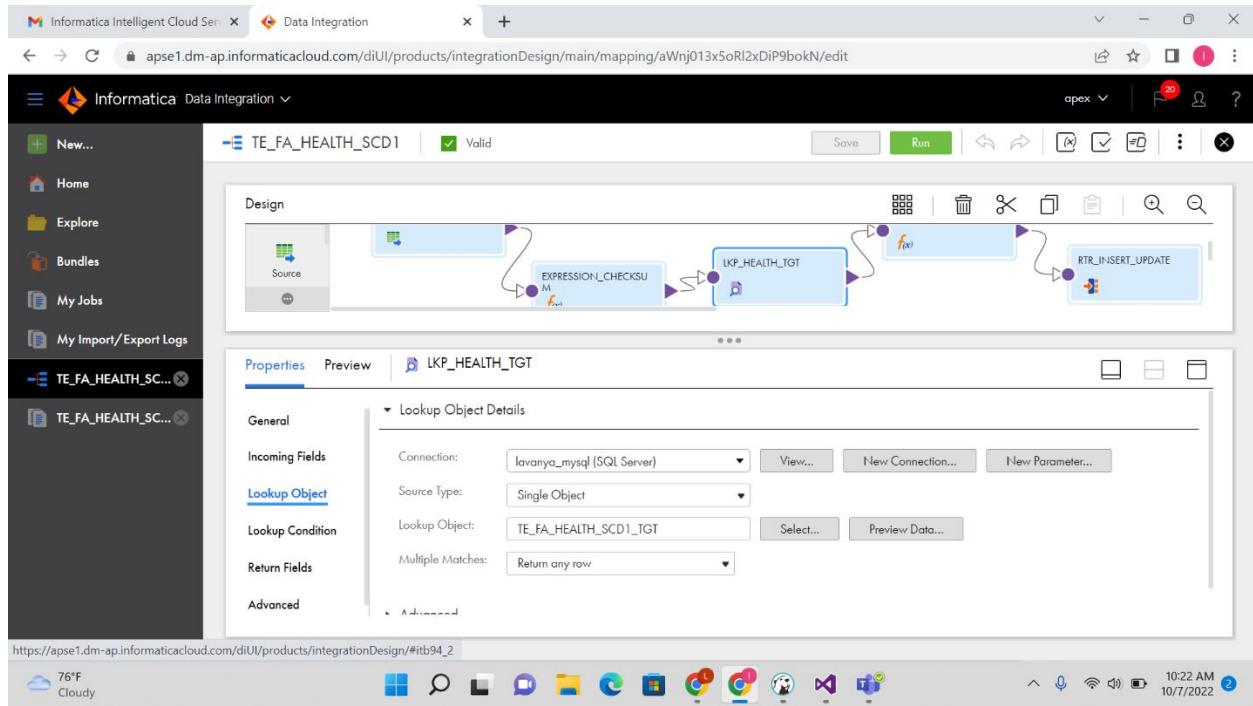
STEP 2-



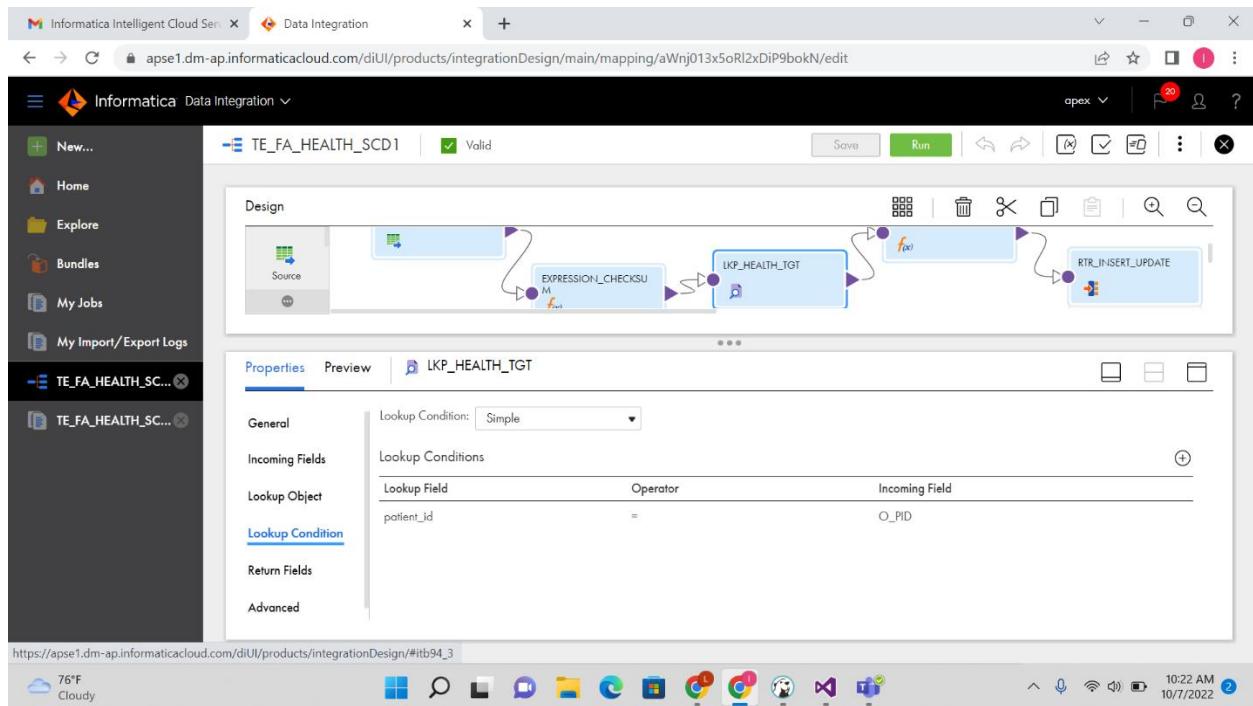
STEP 3-



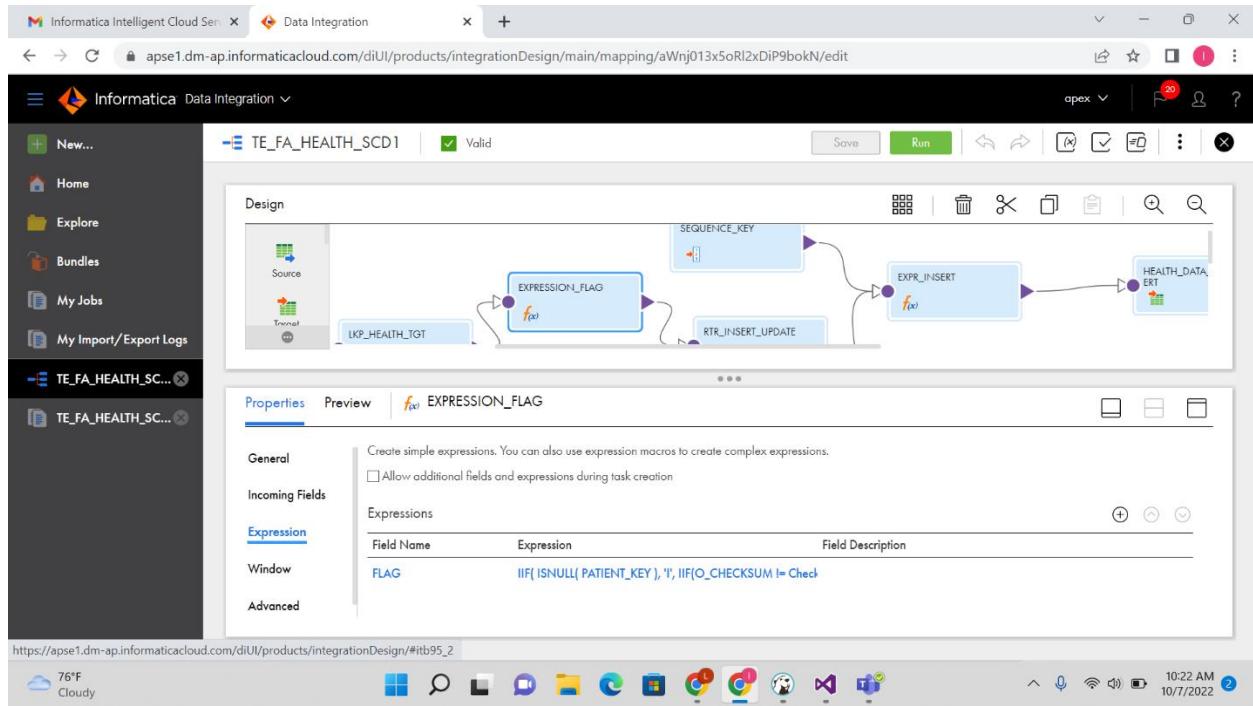
STEP 4-



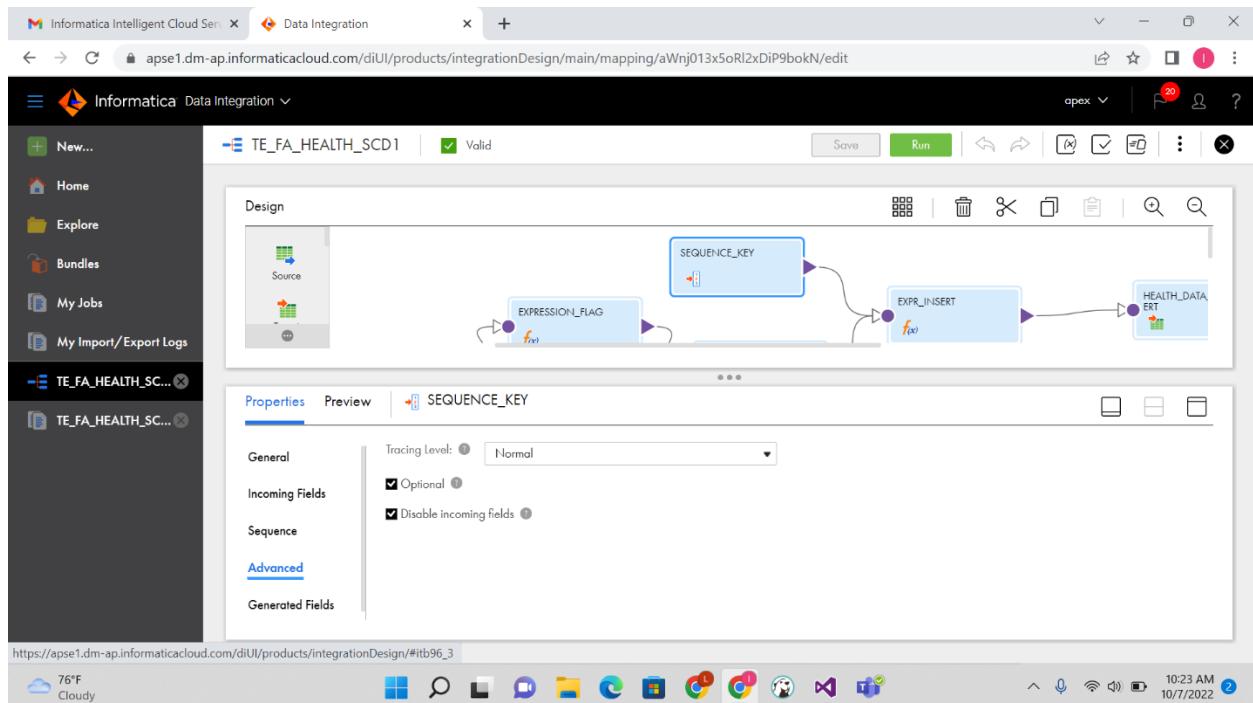
STEP 5-



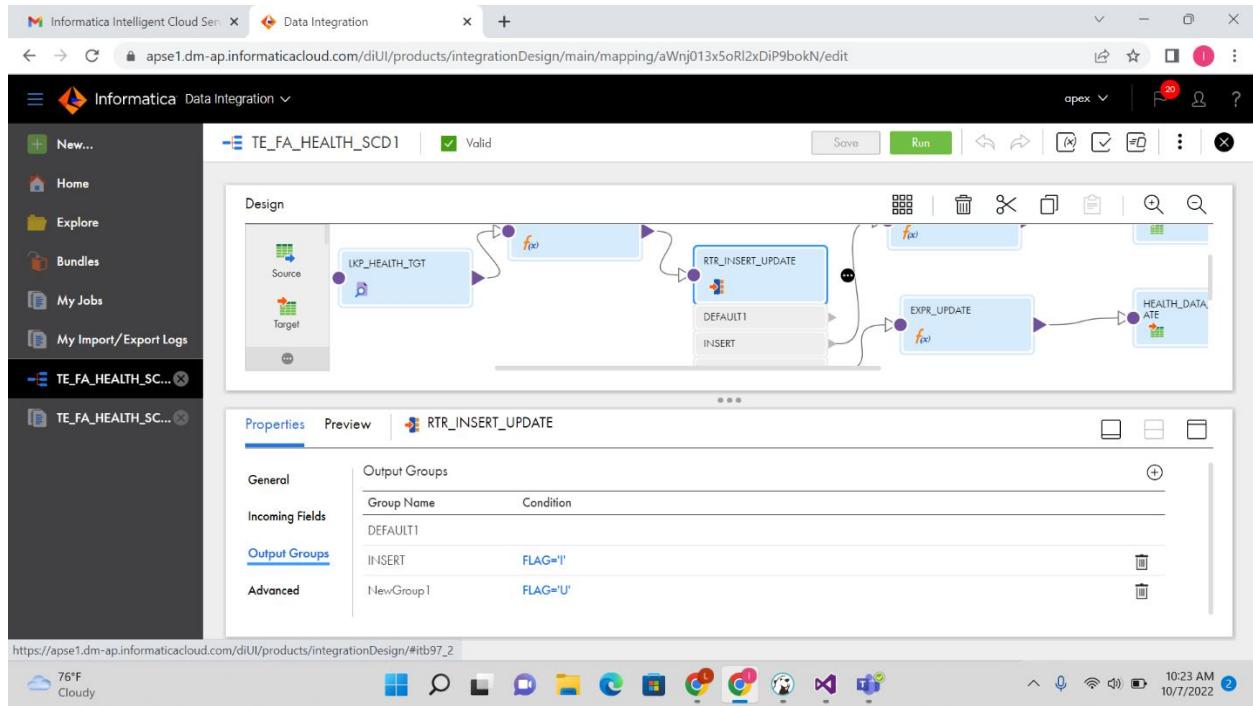
STEP 6-



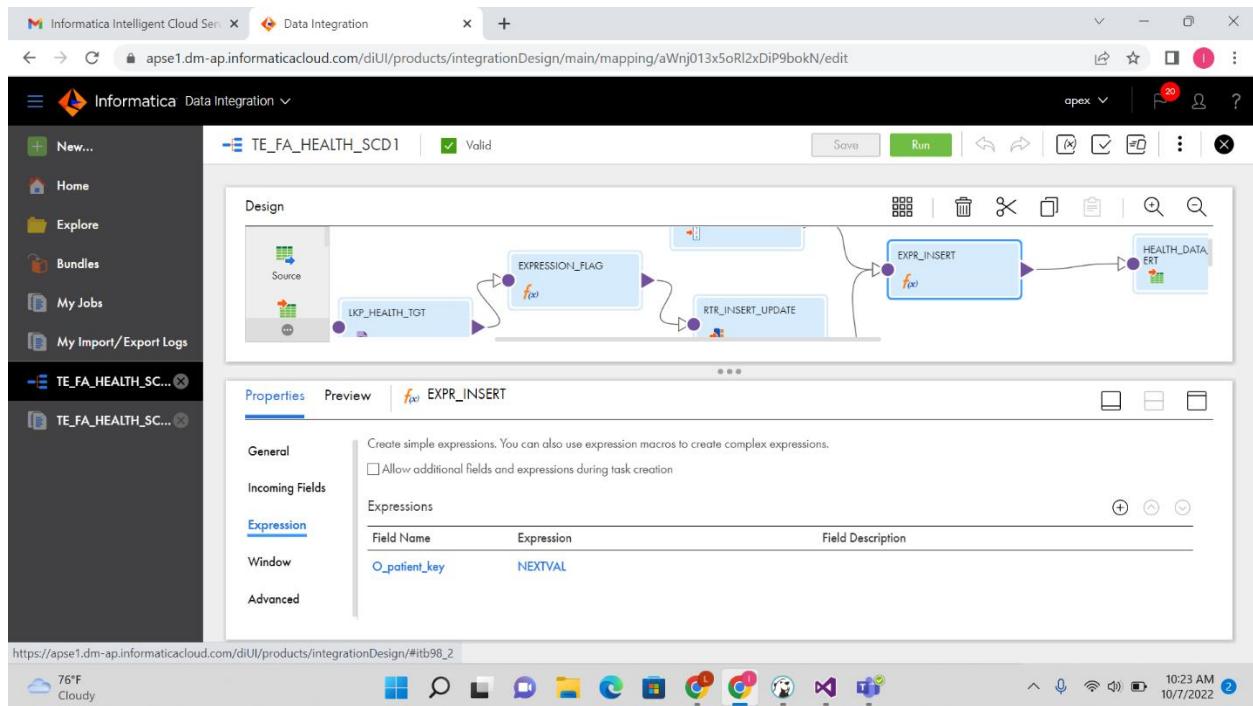
STEP 7-



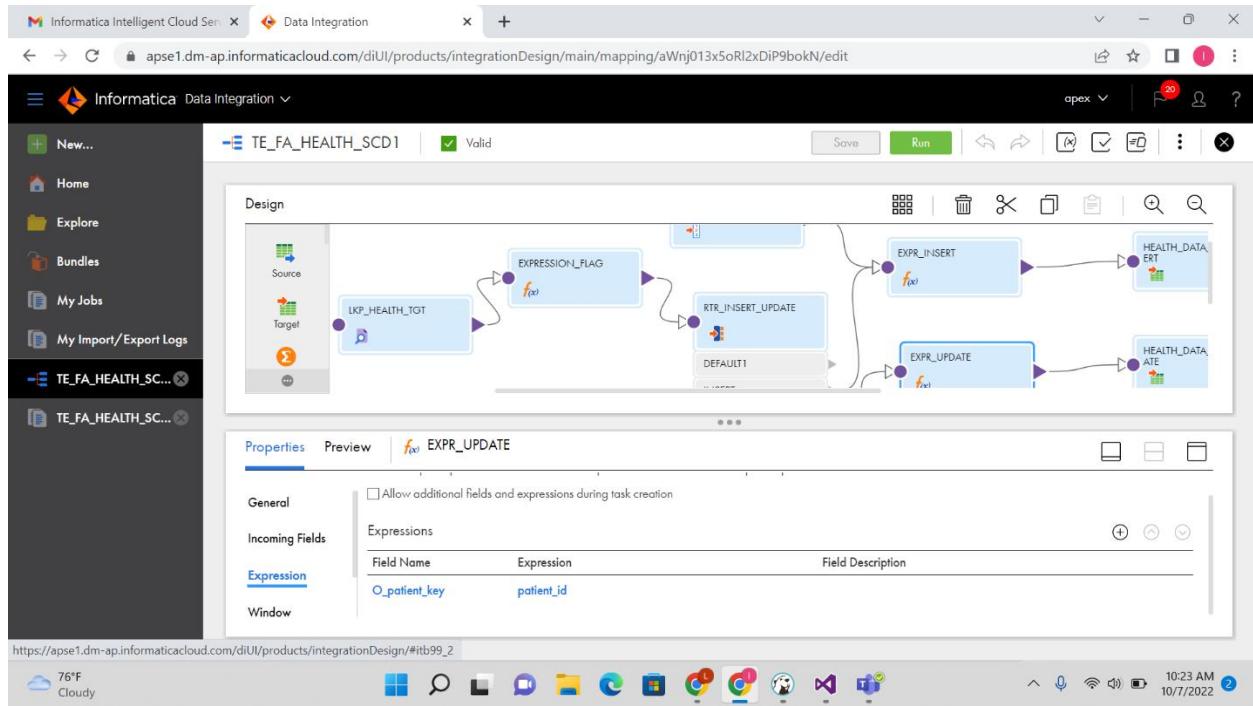
STEP 8-



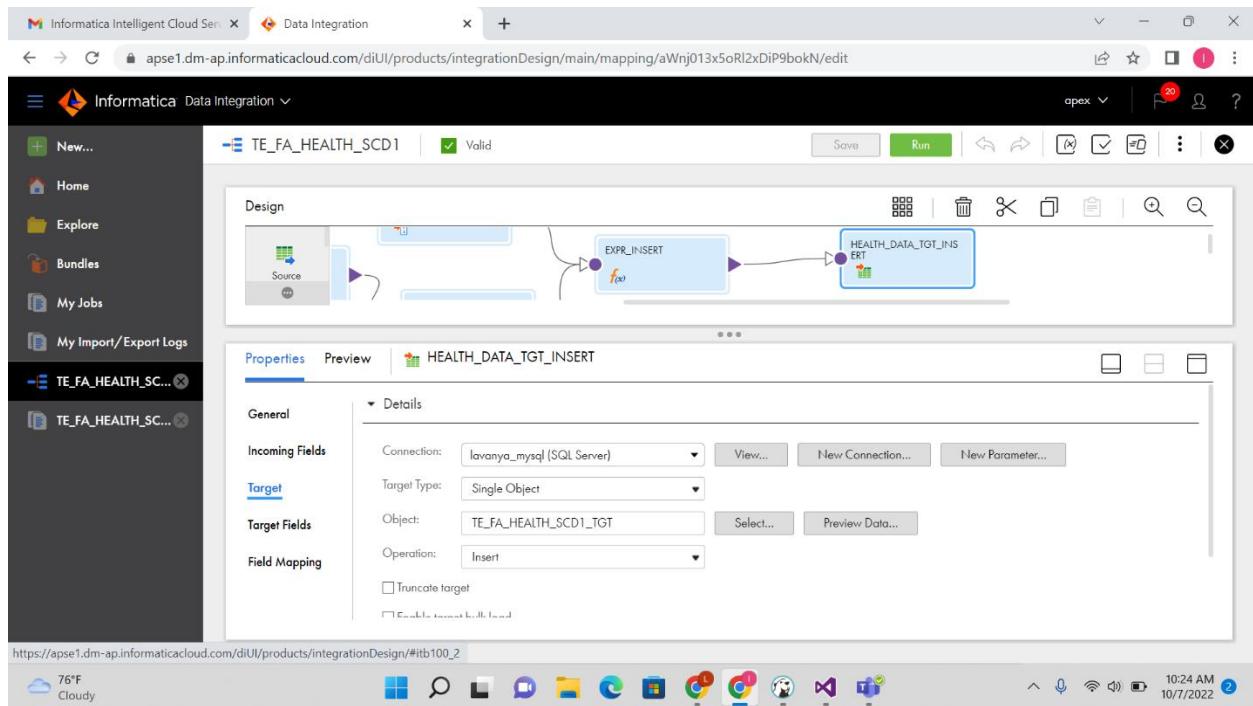
STEP 9-



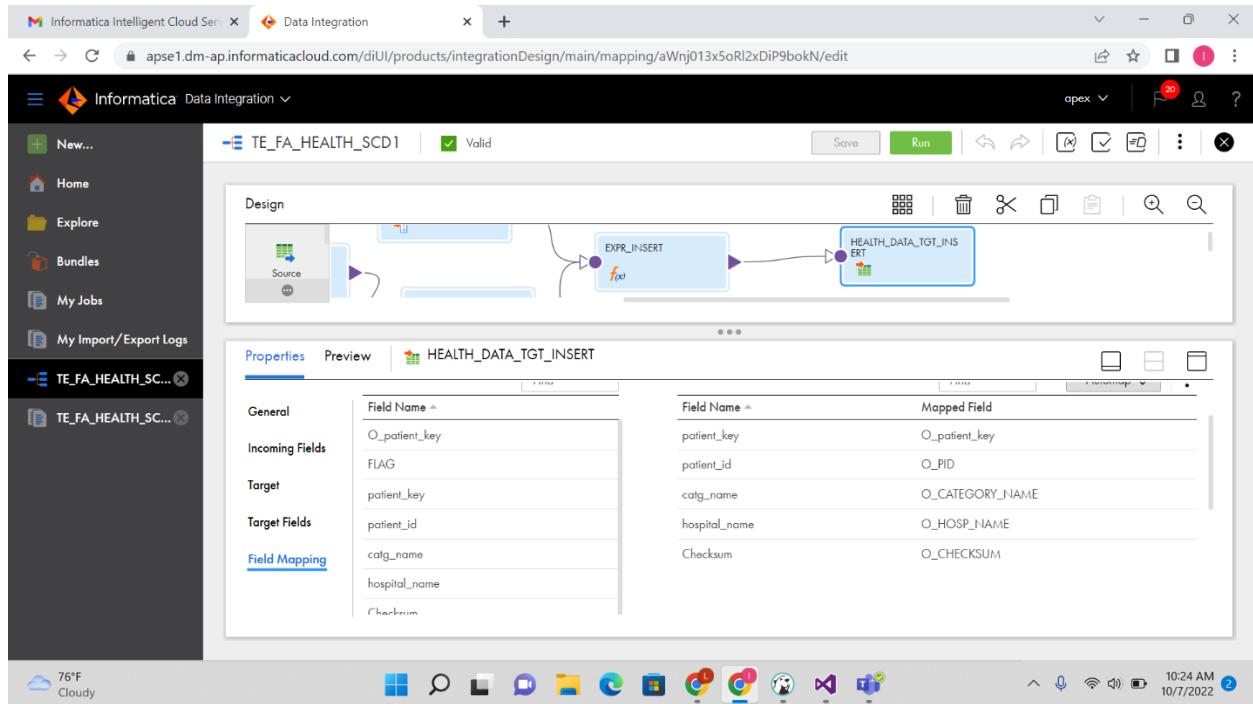
STEP 10-



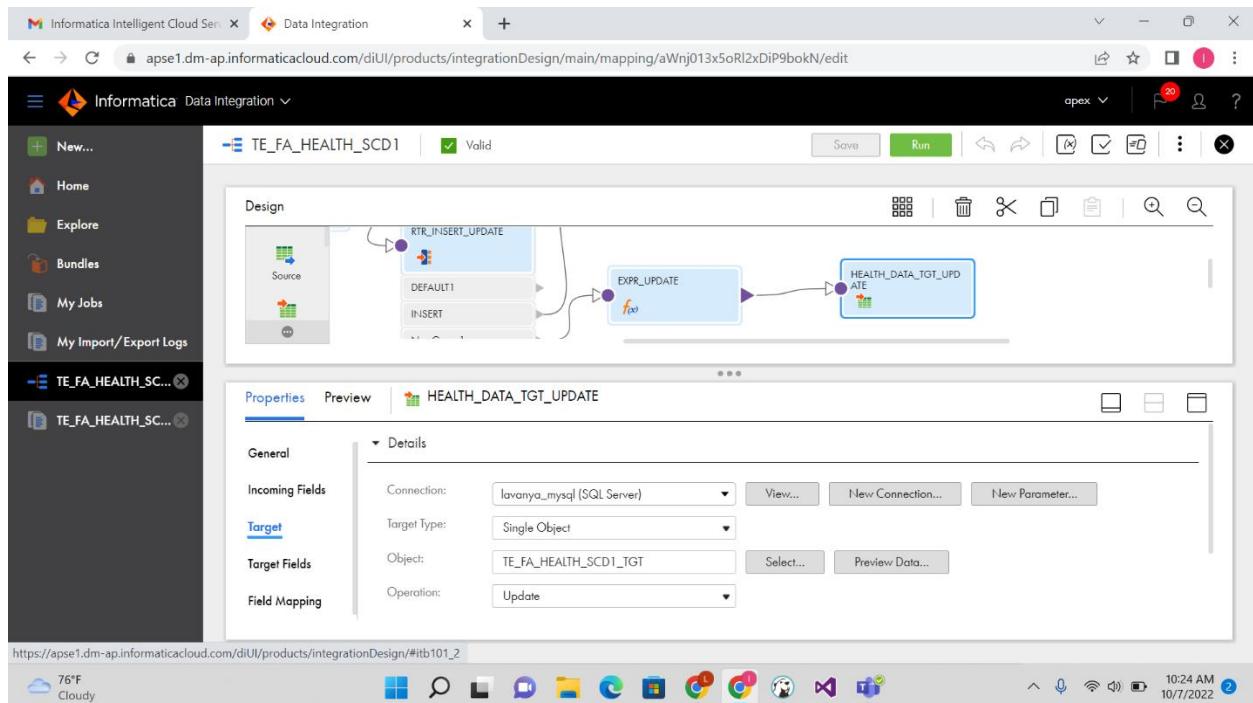
STEP 11-



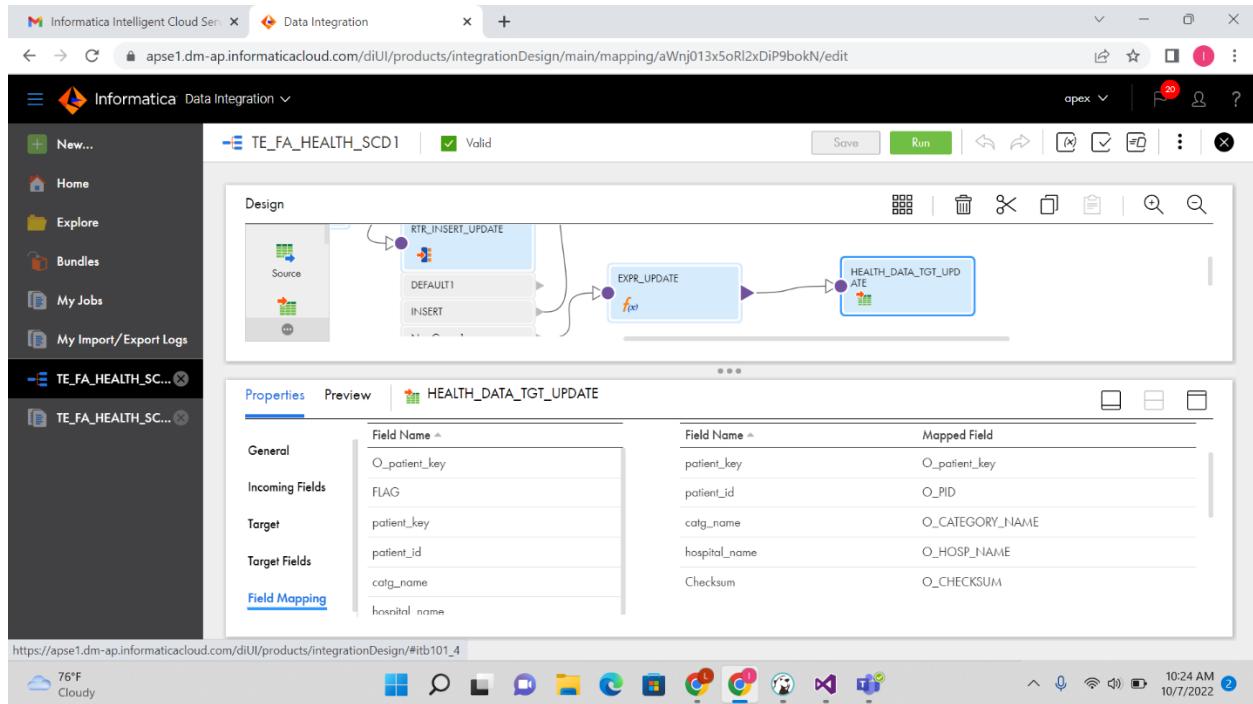
STEP 12-



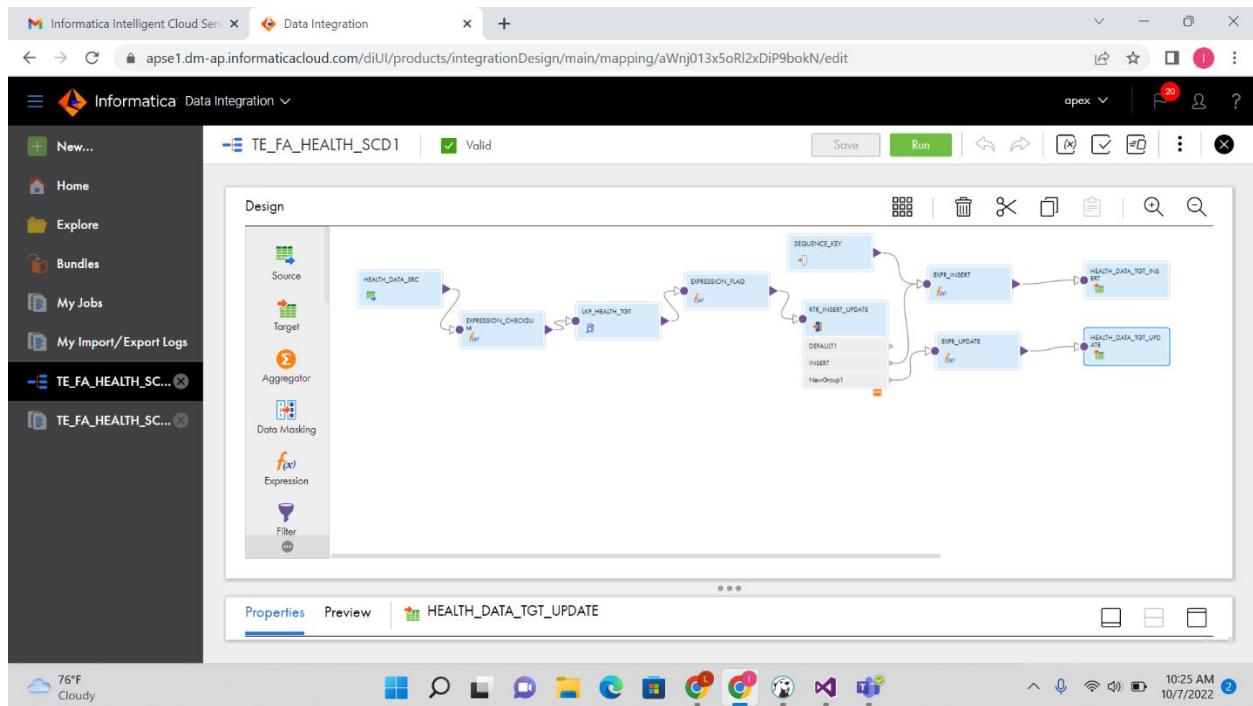
STEP 13-



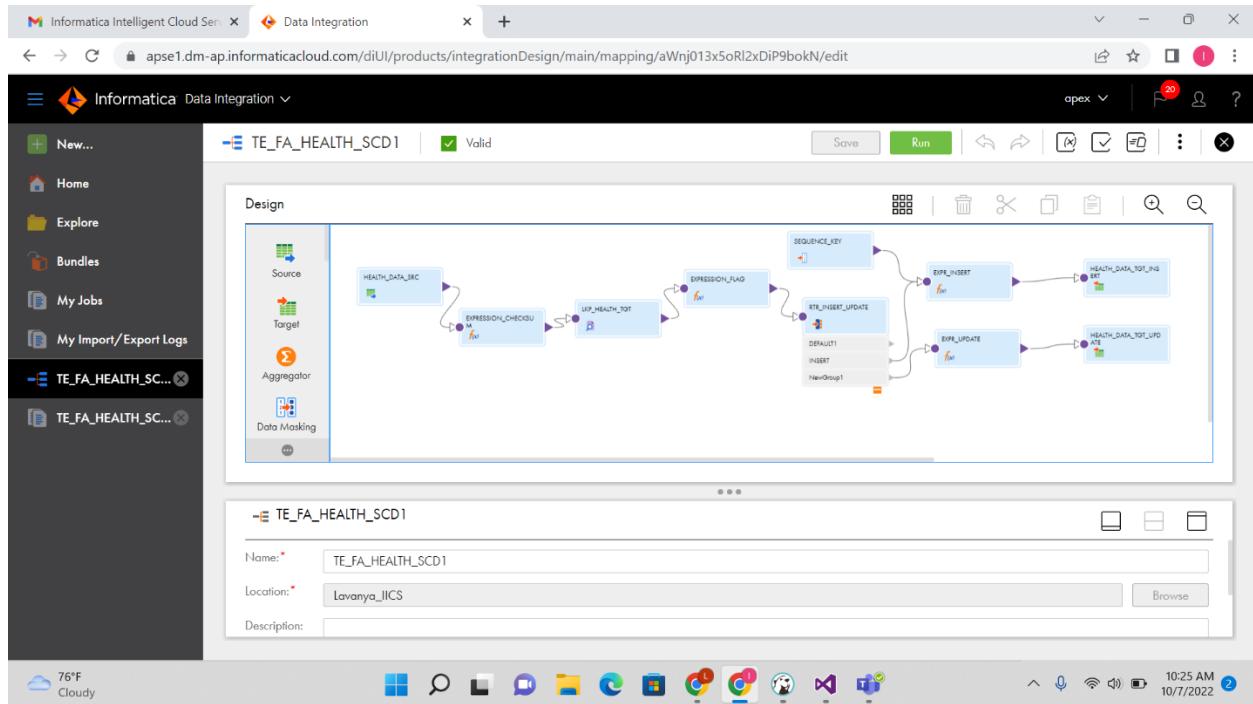
STEP 14-



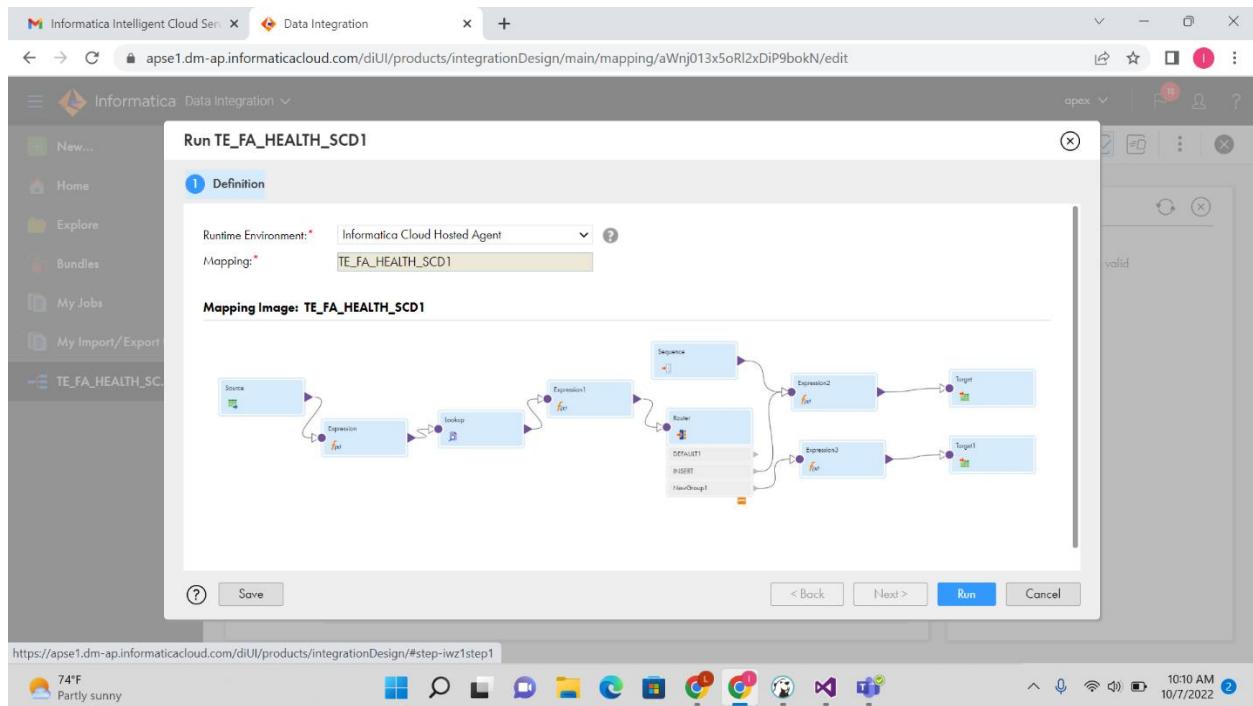
STEP 15-

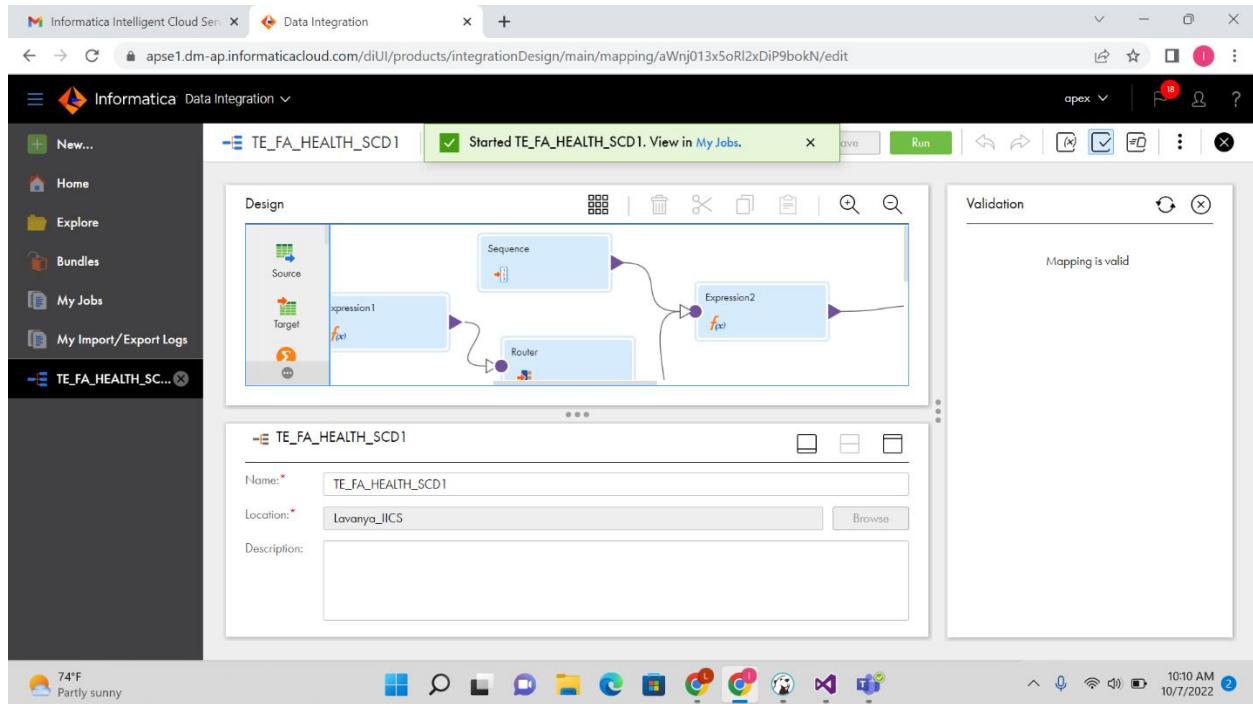


STEP 16-



RESULT:





Informatica Intelligent Cloud Service - Data Integration

apse1.dm-ap.informaticacloud.com/diUI/products/integrationDesign/main/MonitorJobs/di

My Jobs

Jobs (1 of 11) Updated 9:41:26 PM PDT

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTH_SCD1-1	Lavanya_IICS		Oct 6, 2022, 9:41 PM	Oct 6, 2022, 9:41 PM	12	Success

74°F Partly sunny 10:11 AM 10/7/2022

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

> DBeaver Sample Database (SQLite)

> dlithe - rewsolution.database.windows.net:1433

> lavanya - rewsolution.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

<dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <<lavanya>> Referential integrity.sql <<lavanya>> Script-2

```
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(1,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(2,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(3,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(4,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(5,'NEPHROLOGY','Rims Govt. General Hospital, Srikakulam',12500,11000)
```

Results 1 x

SELECT * FROM TE_FA_HEALTH_SCD1

	patient_key	patient_id	catg_name	hospital_name	Checksum
1	1	1	NEPHROLOGY	Rims Govt.	A97E16758B
2	2	2	NEPHROLOGY	Rims Govt.	5B71A224CE
3	3	3	NEPHROLOGY	Rims Govt.	F753D0E25D
4	4	4	NEPHROLOGY	Rims Govt.	C6CBA65470
5	5	5	NEPHROLOGY	Rims Govt.	D8E1D1B718
6	6	6	NEPHROLOGY	Rims Govt.	A66225A171
7	7	7	CARDIAC AN	Karumuri H	E17401D693
8	8	8	CARDIAC AN	Karumuri H	B1CEB572FA
9	9	9	CARDIOLOGY	Karumuri H	97559C3B27
10	10	10	CARDIOLOGY	Karumuri H	B83F977AD8
11	11	11	PEDIATRICS	Area Hospi	354B7DF2F4
12	12	12	ORTHOPEDIC	7 STAR SUP	EEDCD5C9F9

Project - General x

Name DataSource

> Bookmarks

> Diagrams

> Scripts

Record

Save Cancel Script | IST en Writable Smart Insert | Rows: 0 12 row(s) fetched - 185ms, on 2022-10-07 at 10:12:22 | 505 : 1 [35] | Sel: 35 | 1

74°F Partly sunny

10:12 AM 10/7/2022

After updating in the source table:

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects < lavanya > dbo@lavanya Auto < lavanya > lavanya < dilithe > database.sql < coracle-88094-0.cloudclusters.net > Script-1 < lavanya > Referential integrity.sql < lavanya > Script-2

Enter a part of object name here

-----IICS SCD1-----
--SOURCE-----
CREATE TABLE TE_FA_HEALTH_SCD1_SRC
(
PID float,
CATEGORY_NAME nvarchar(255),
HOSP_NAME nvarchar(255),
PREAUTH_AMT float,
CLAIM_AMOUNT float
)
UPDATE TE_FA_HEALTH_SCD1_SRC
SET CATEGORY_NAME = 'DERMATOLOGY'
WHERE PID = '2'
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(1,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(2,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(3,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(4,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(5,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(6,'NEPHROLOGY','Rims Govt. General Hospital, Srikalum',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(7,'CARDIAC AND CARDIOTHORACIC SURGERY','Karamuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(8,'CARDIAC AND CARDIOTHORACIC SURGERY','Karamuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(9,'CARDIOLOGY','Karamuri Hospital',30000,30000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(10,'CARDIOLOGY','Karamuri Hospital',40000,40000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(11,'PEDIATRICS','Area Hospital Cheerla',35000,25000)
INSERT INTO TE_FA_HEALTH_SCD1_SRC VALUES(12,'ORTHOPEDIC SURGERY AND PROCEDURES','7 STAR SUPER SPECIALITY HOSPITAL')
SELECT * FROM TE_FA_HEALTH_SCD1_SRC
-----DESTINATION-----
CREATE TABLE TE_FA_HEALTH_SCD1_TGT

Project - General x

Name DataSource

Bookmarks Diagrams Scripts

Statistics 1 x IST en Writable Smart Insert 480 : 16 : 20643 Sel 0 | 0

76°F Cloudy 10:14 AM 10/7/2022

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator × Projects × Auto Commit Rollback lavanya dbo@lavanya SQL & <lavanya> Referential integrity.sql <lavanya> Script-2 ×

Enter a part of object name here

DBeaver Sample Database (SQLite)

dlithe - rewansolution.database.windows.net:1433

lavanya - rewansolution.database.windows.net:1433

oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

-----IICS SCD1-----

--SOURCE--

```
*CREATE TABLE TE_FA_HEALTH_SCD1_SRC
(
    PID float,
    CATEGORY_NAME nvarchar(255),
    HOSP_NAME nvarchar(255),
    PREAUTH_AMT float,
    CLAIM_AMOUNT float
)
```

Results 1 ×

SELECT * FROM TE_FA_HEALTH_SCD1_SRC Enter a SQL expression to filter results (use Ctrl+Space)

PID	CATEGORY_NAME	HOSP_NAME	PREAUTH_AMT	CLAIM_AMOUNT
1	NEPHROLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
2	DERMATOLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
3	NEPHROLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
4	NEPHROLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
5	NEPHROLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
6	NEPHROLOGY	Rims Govt. General Hospital, Srikanulam	12,500	11,000
7	CARDIAC AND CARDIOTHORACIC SURGERY	Karumuri Hospital	40,000	115,846
8	CARDIAC AND CARDIOTHORACIC SURGERY	Karumuri Hospital	40,000	115,846
9	CARDIOLOGY	Karumuri Hospital	30,000	30,000
10	CARDIOLOGY	Karumuri Hospital	40,000	40,000
11	PEDIATRICS	Area Hospital Cheerala	35,000	25,000
12	ORTHOPEDIC SURGERY	7 STAR SUPER SPECIALITY HOSPITAL	34,114	34,114

Project - General ×

Name DataSource

Bookmarks

Diagrams

Scripts

Record

Save Cancel Script Smart Insert 200 12 Rows: 1 12 row(s) fetched - 286ms (1ms fetch), on 2022-10-07 10:15 AM 10/7/2022

76°F Cloudy

->SCD2:

SOURCE AND DESTINATION TABLE:

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator × Projects × Auto Commit Rollback lavanya dbo@lavanya SQL & <lavanya> Referential integrity.sql <lavanya> Script-2 ×

Enter a part of object name here

DBeaver Sample Database (SQLite)

dlithe - rewansolution.database.windows.net:1433

lavanya - rewansolution.database.windows.net:1433

oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

-----IICS SCD2-----

--SOURCE--

```
*CREATE TABLE TE_FA_HEALTH_SCD2_SRC
(
    PID float,
    CATEGORY_NAME nvarchar(255),
    HOSP_NAME nvarchar(255),
    PREAUTH_AMT float,
    CLAIM_AMOUNT float
)

*UPDATE TE_FA_HEALTH_SCD2_SRC
SET CATEGORY_NAME = 'ONCOLOGY'
WHERE PID = '11'

*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(1, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(2, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(3, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(4, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(5, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(6, 'NEPHROLOGY', 'Rims Govt. General Hospital, Srikanulam', 12500, 11000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(7, 'CARDIAC AND CARDIOTHORACIC SURGERY', 'Karumuri Hospital', 40000, 115846)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(8, 'CARDIAC AND CARDIOTHORACIC SURGERY', 'Karumuri Hospital', 40000, 115846)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(9, 'CARDIOLOGY', 'Karumuri Hospital', 30000, 30000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(10, 'CARDIOLOGY', 'Karumuri Hospital', 40000, 40000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(11, 'PEDIATRICS', 'Area Hospital Cheerala', 35000, 25000)
*INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(12, 'ORTHOPEDIC SURGERY AND PROCEDURES', '7 STAR SUPER SPECIALITY HOSPITAL', 34114, 34114)
```

Project - General ×

Name DataSource

Bookmarks

Diagrams

Scripts

SELECT * FROM TE_FA_HEALTH_SCD2_SRC

TRUNCATE TABLE TE_FA_HEALTH_SCD2_SRC

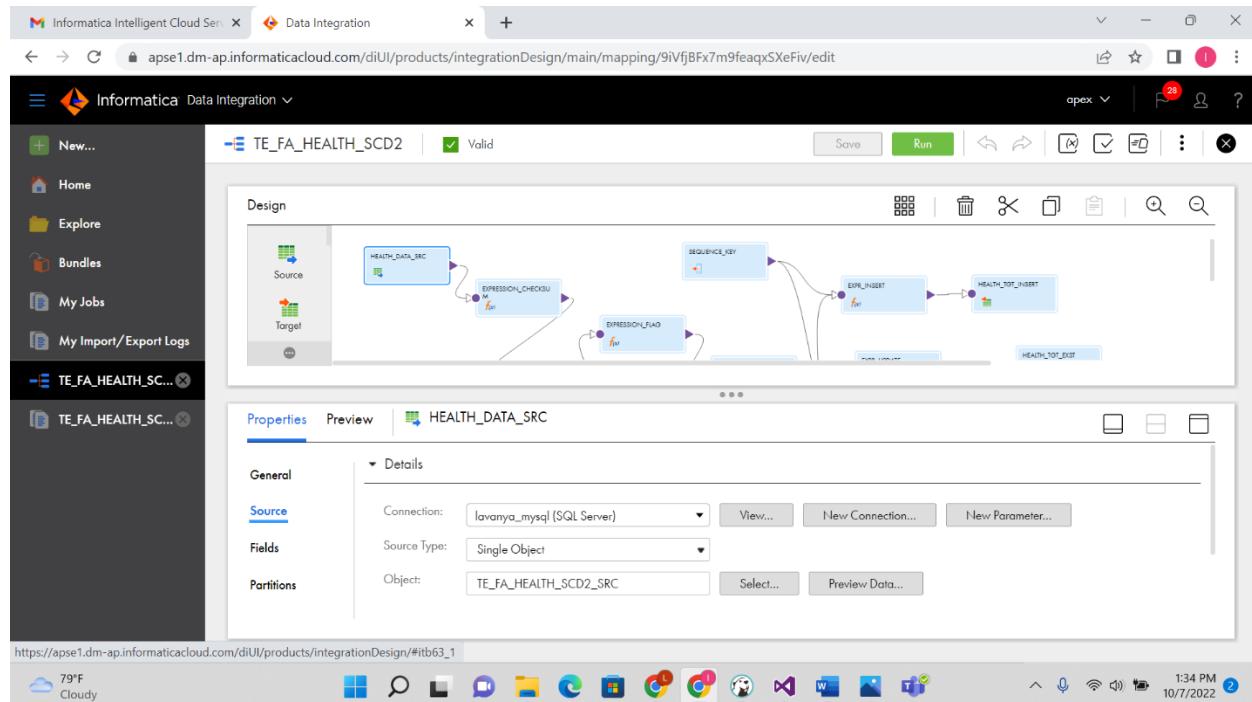
Results 1 ×

IST en Writable Smart Insert 559 : 36 : 24196 Sel 0 | 0 1:39 PM 10/7/2022

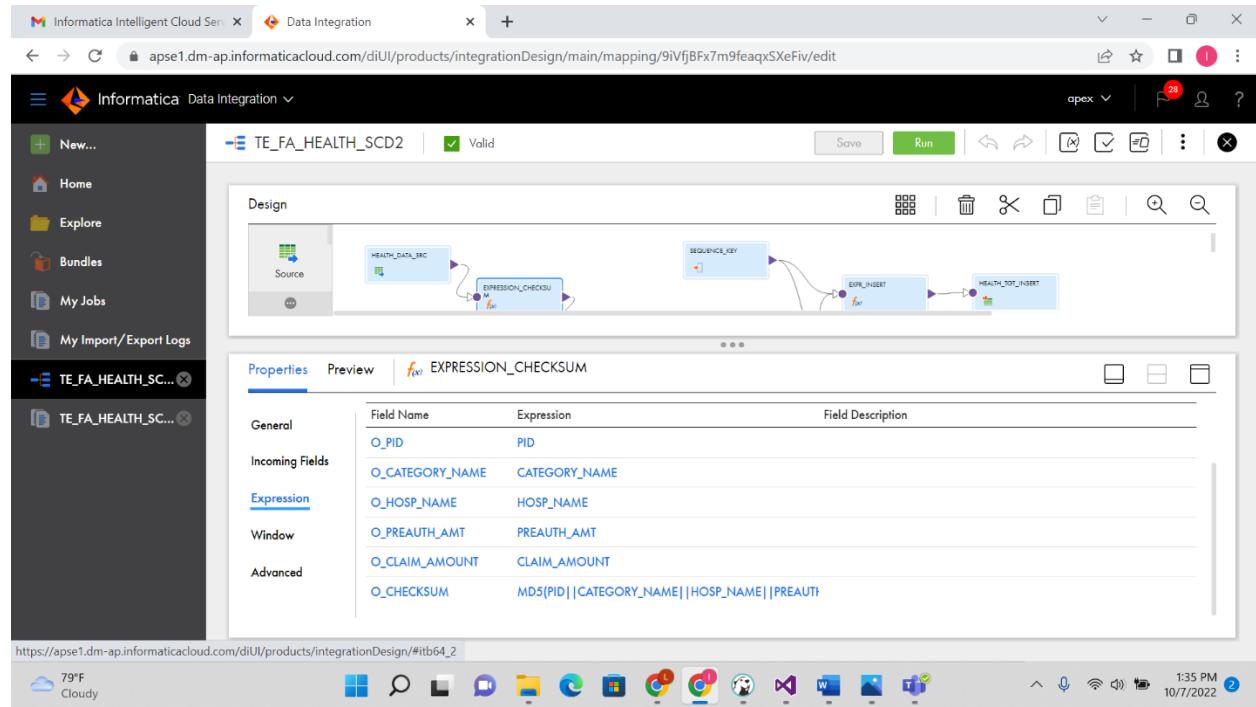
79°F Cloudy

STEPS TO EXECUTE IICS:

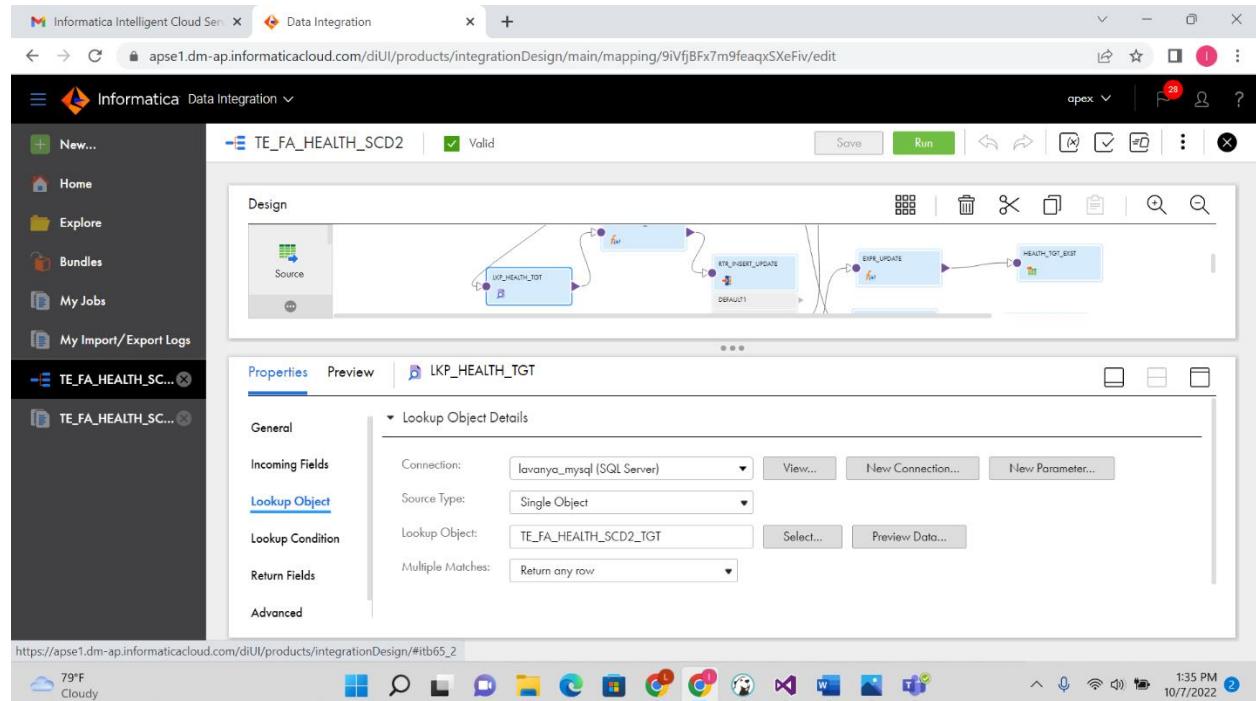
STEP 1-



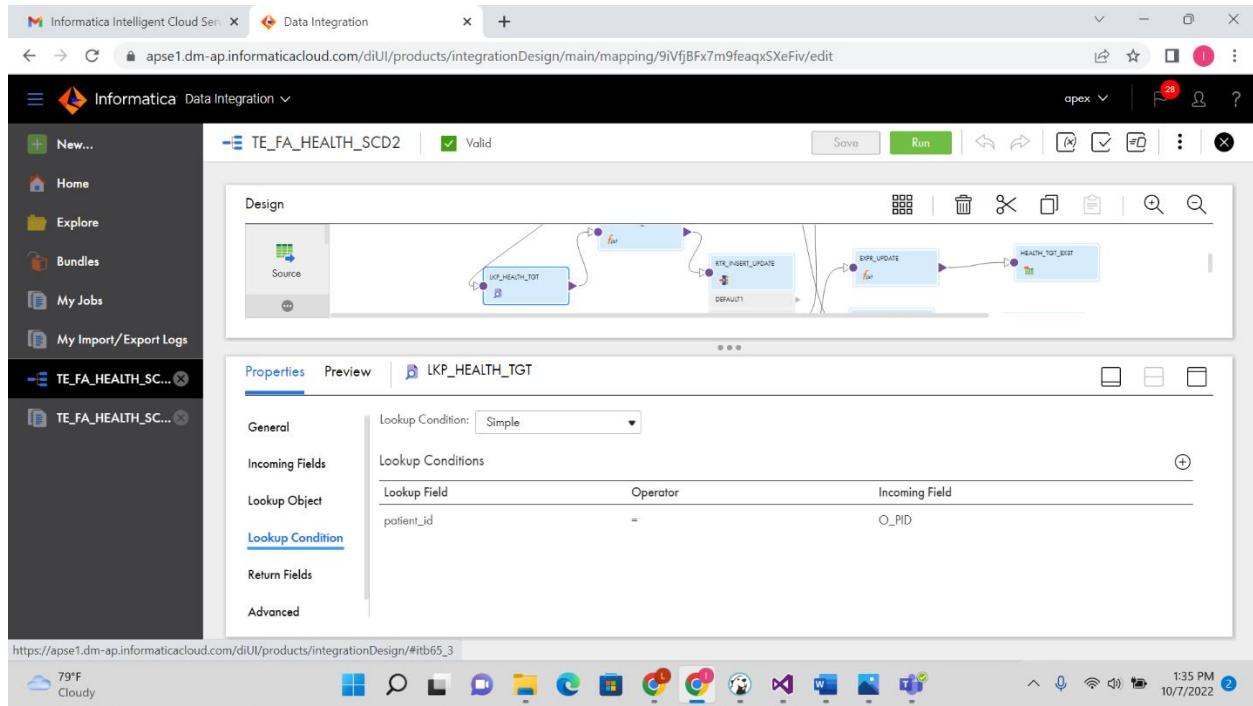
STEP 2-



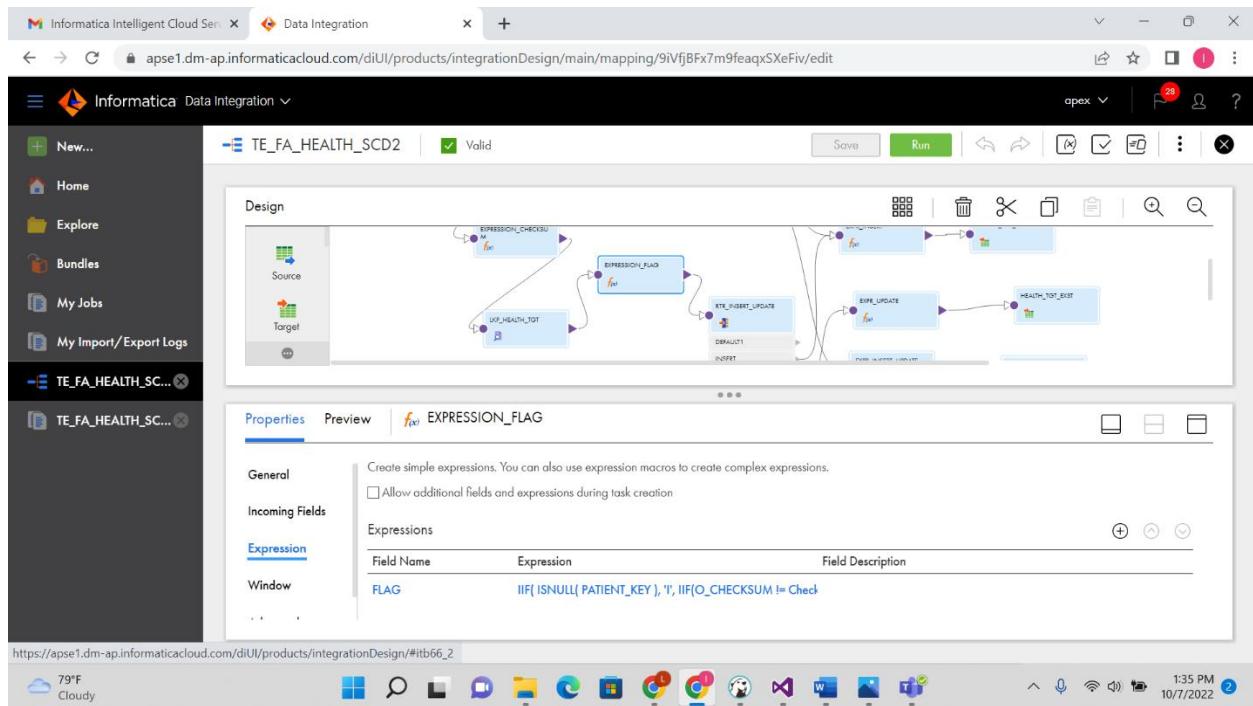
STEP 3-



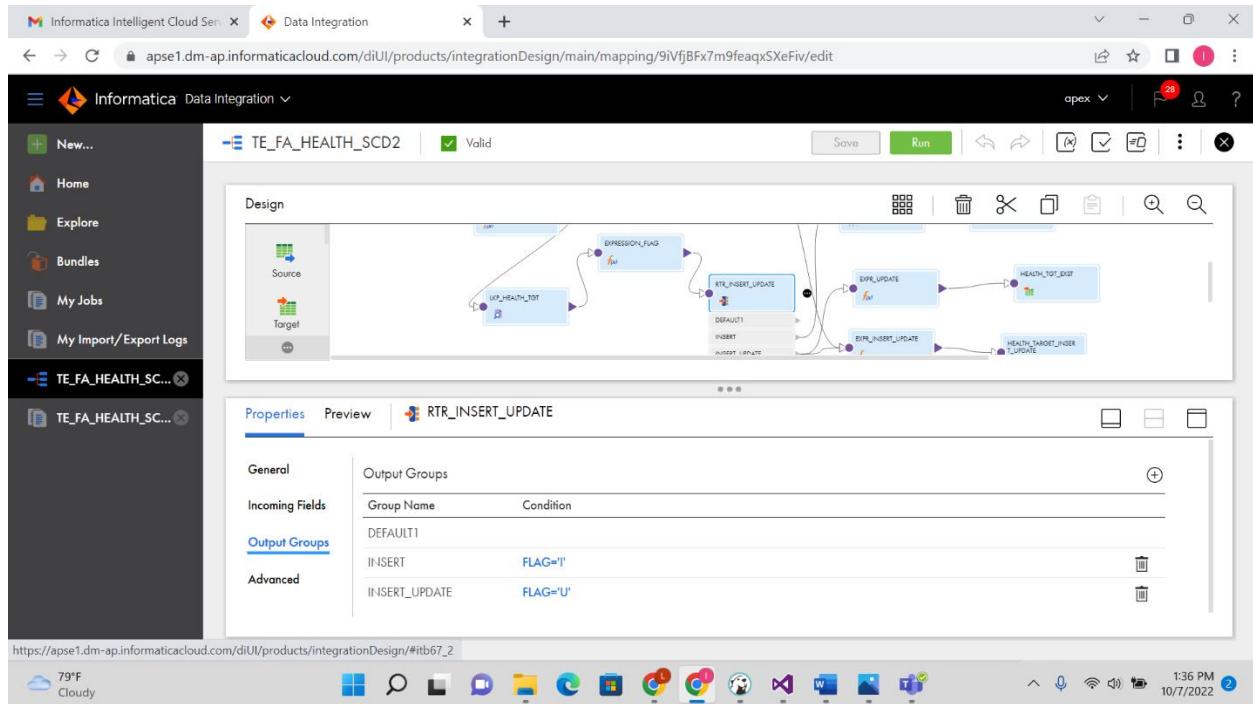
STEP 4-



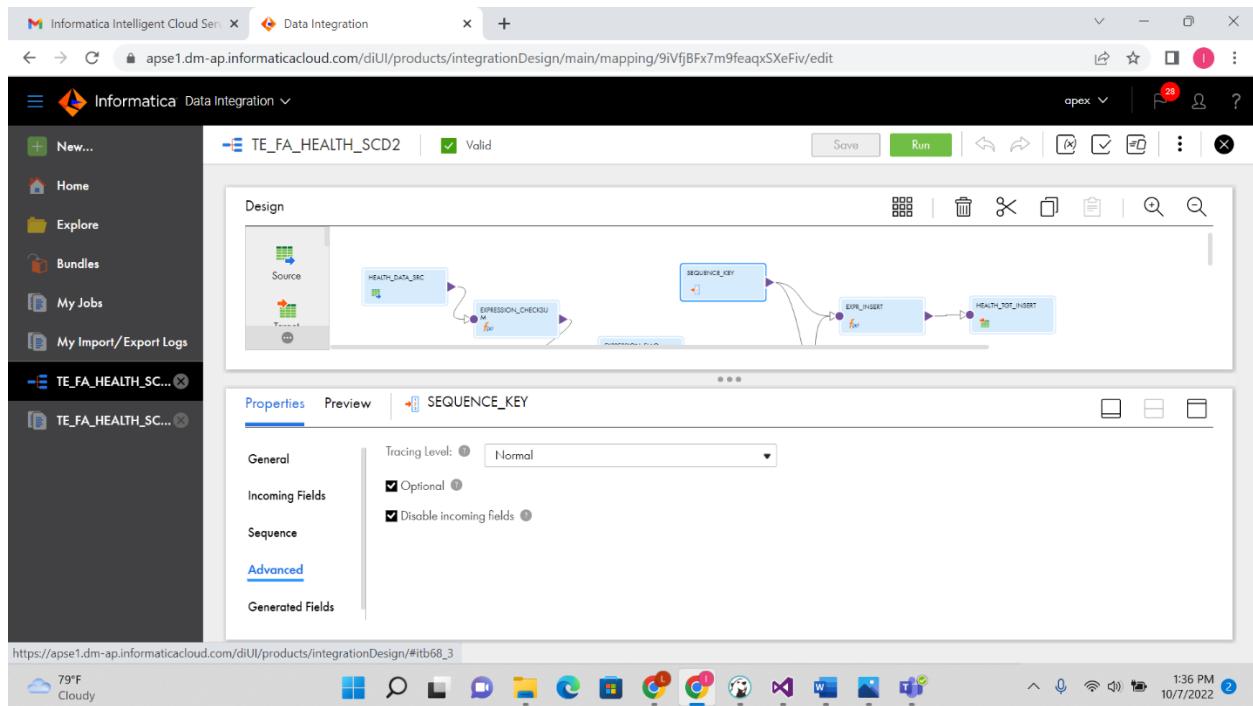
STEP 5-



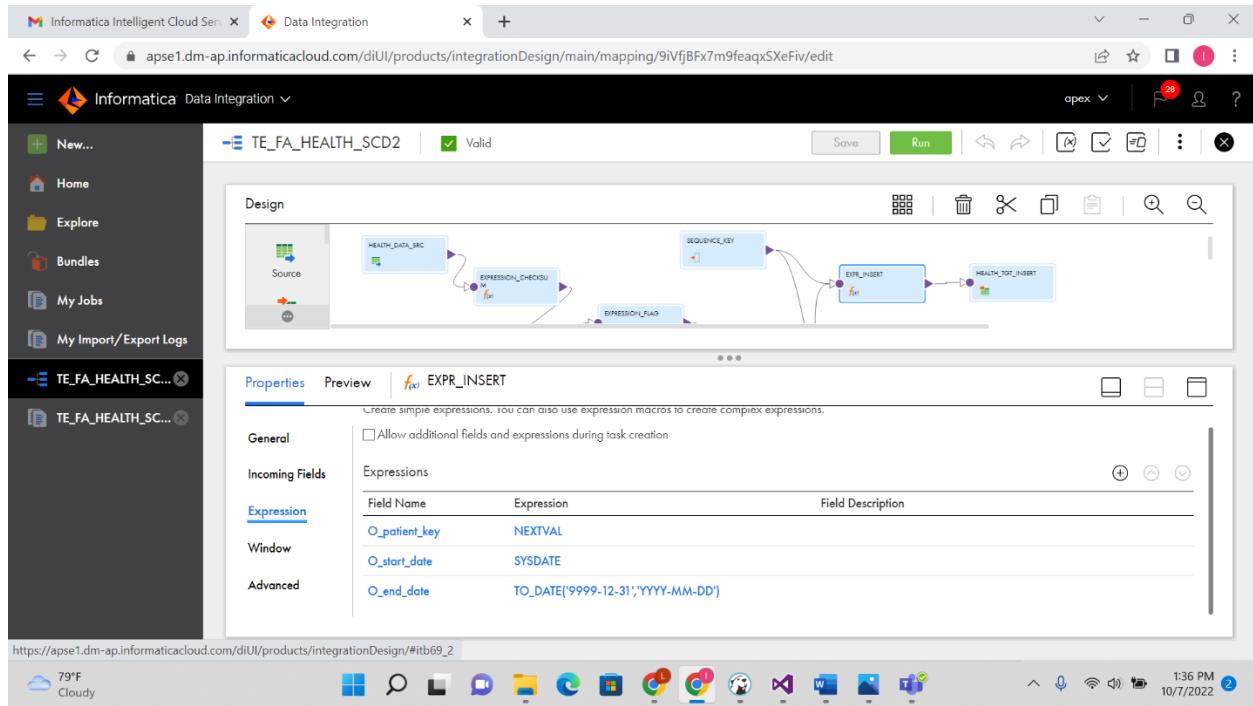
STEP 6-



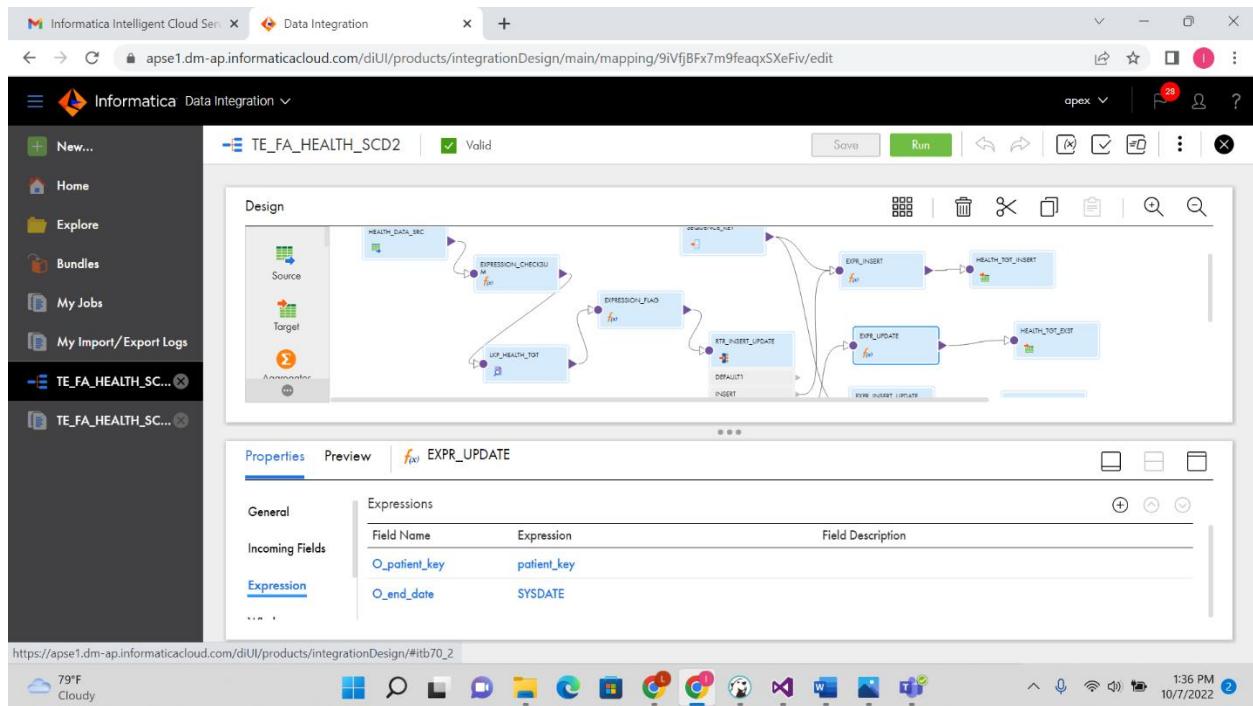
STEP 7-



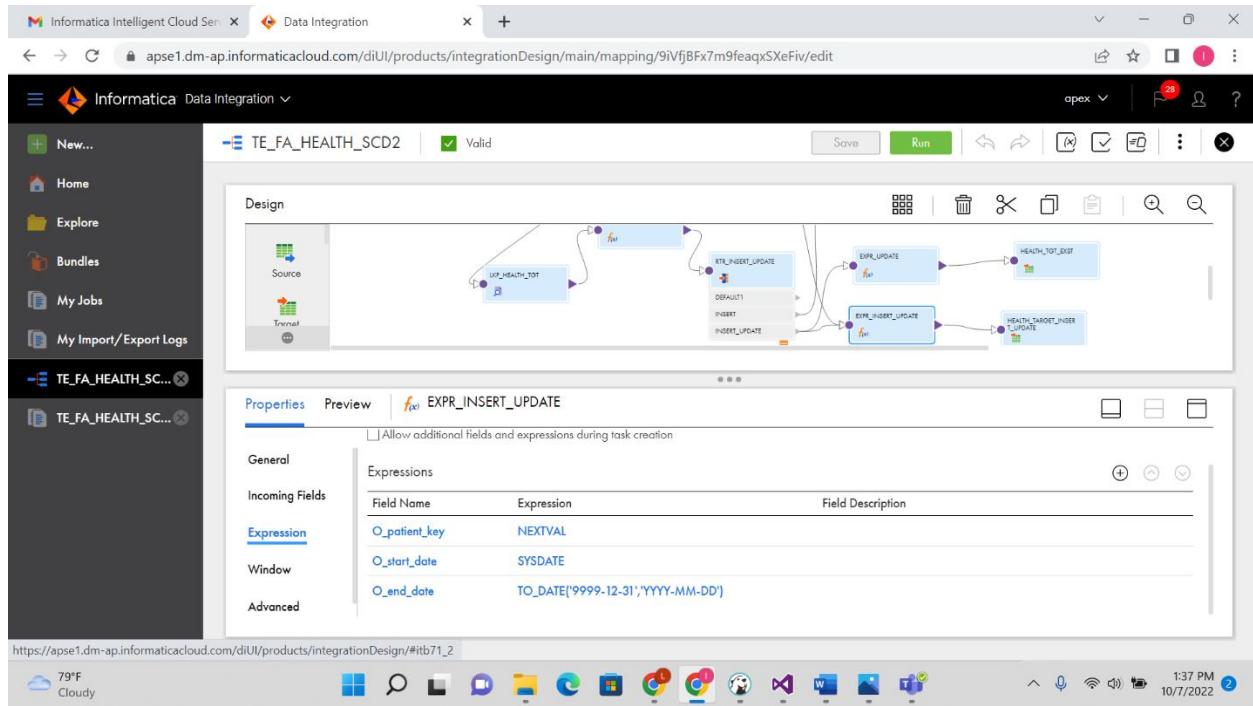
STEP 8-



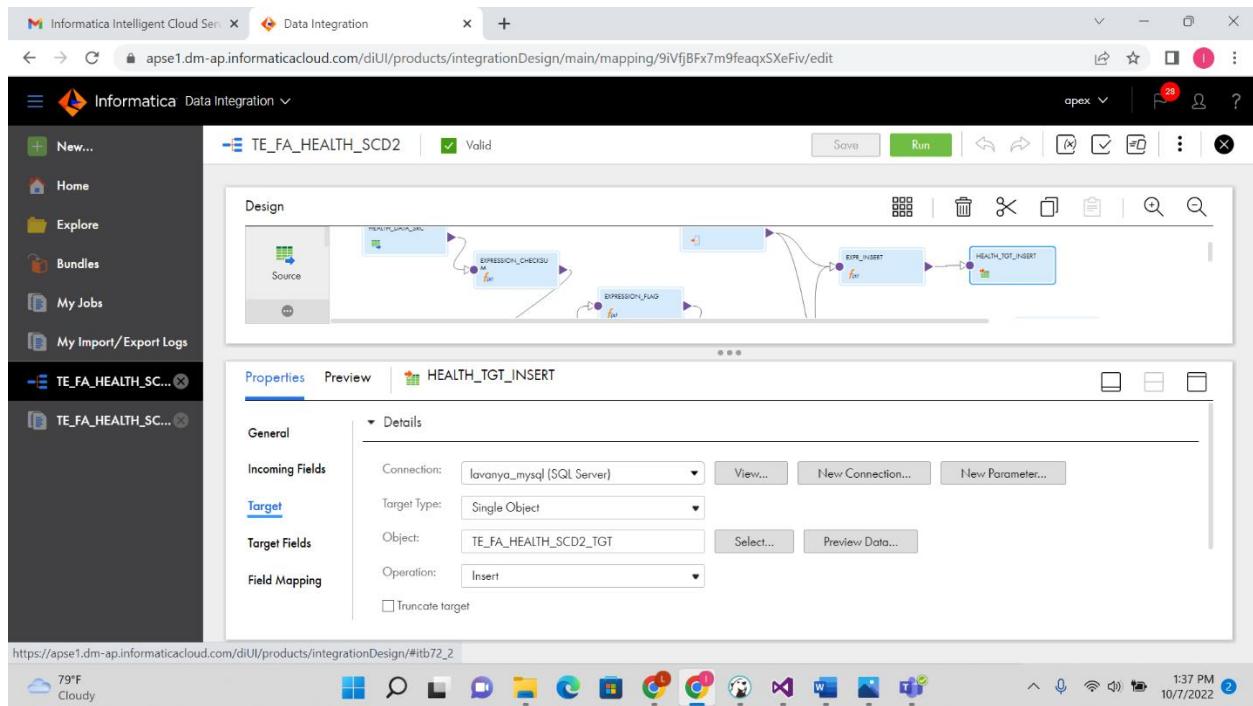
STEP 9-



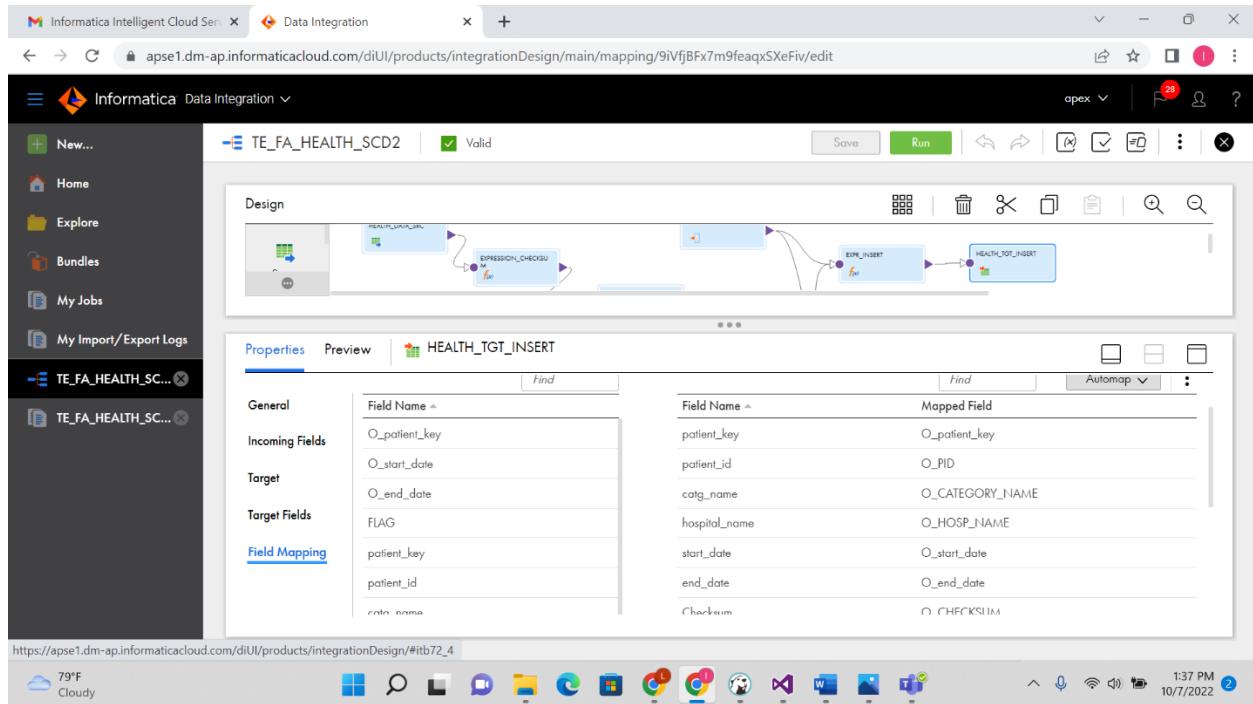
STEP 10-



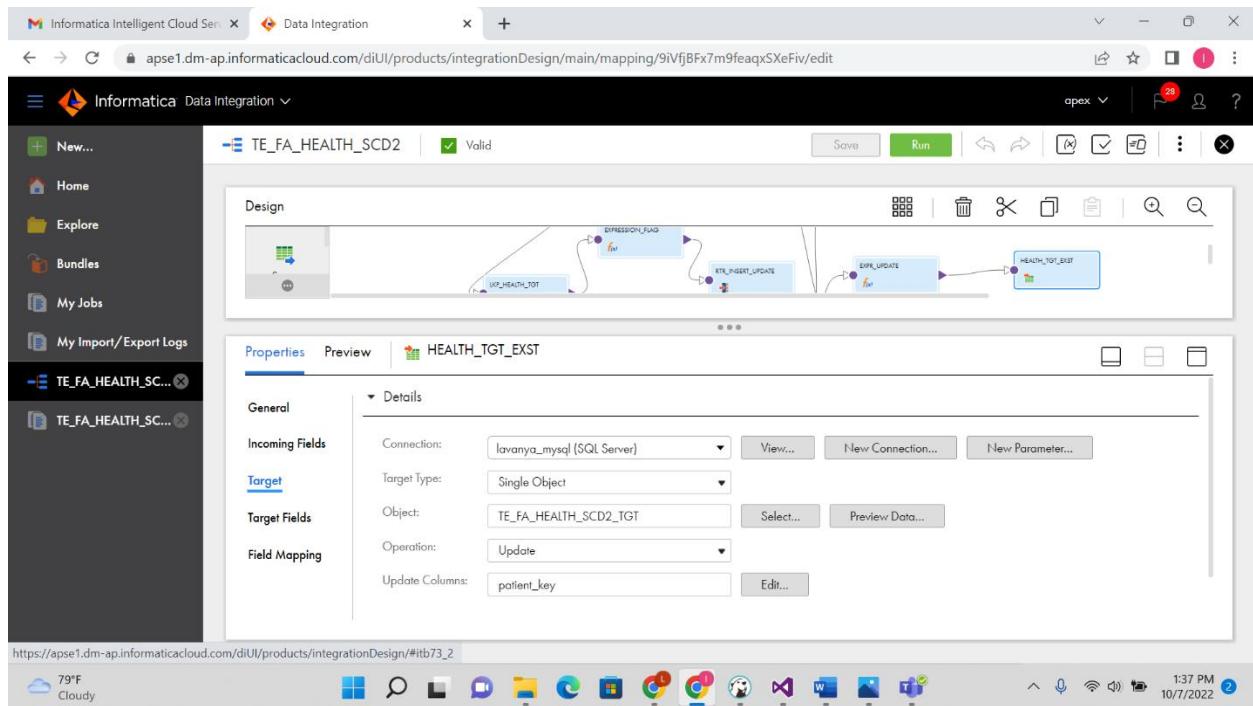
STEP 11-



STEP 12-



STEP 13-



STEP 14-

Design

```

graph LR
    Source[Source] --> EXPRESSION1[EXPRESSION_NODE]
    EXPRESSION1 --> XTR1[XTR_INSERT_UPDATE]
    XTR1 --> TARGET1[HEALTH_TGT_EXST]
  
```

Properties **Preview** **HEALTH_TGT_EXST**

Field Name	Mapped Field
O_patient_key	patient_key
O_end_date	patient_id
FLAG	cog_name
patient_key	hospital_name
patient_id	start_date
cog_name	end_date
hospital_name	Checksum

STEP 15-

Design

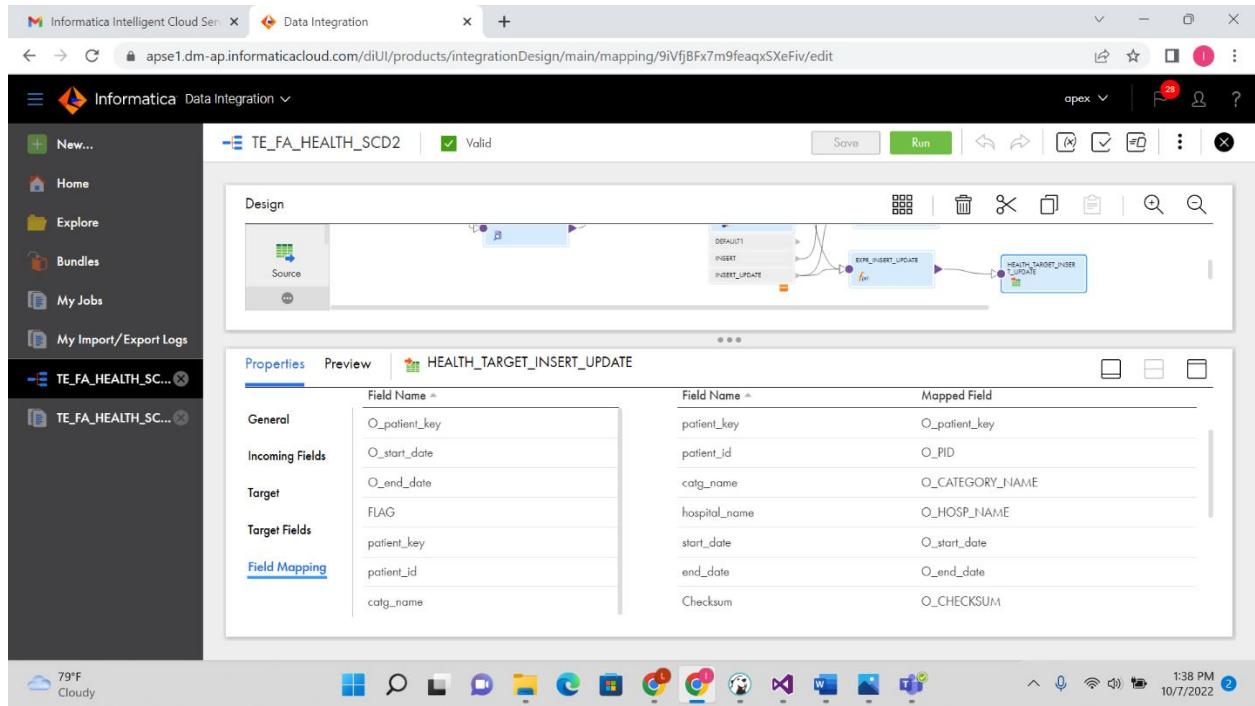
```

graph LR
    Source[Source] --> EXPRESSION1[EXPRESSION_NODE]
    EXPRESSION1 --> XTR1[XTR_INSERT_UPDATE]
    XTR1 --> TARGET1[HEALTH_TARGET_INSERT_UPDATE]
  
```

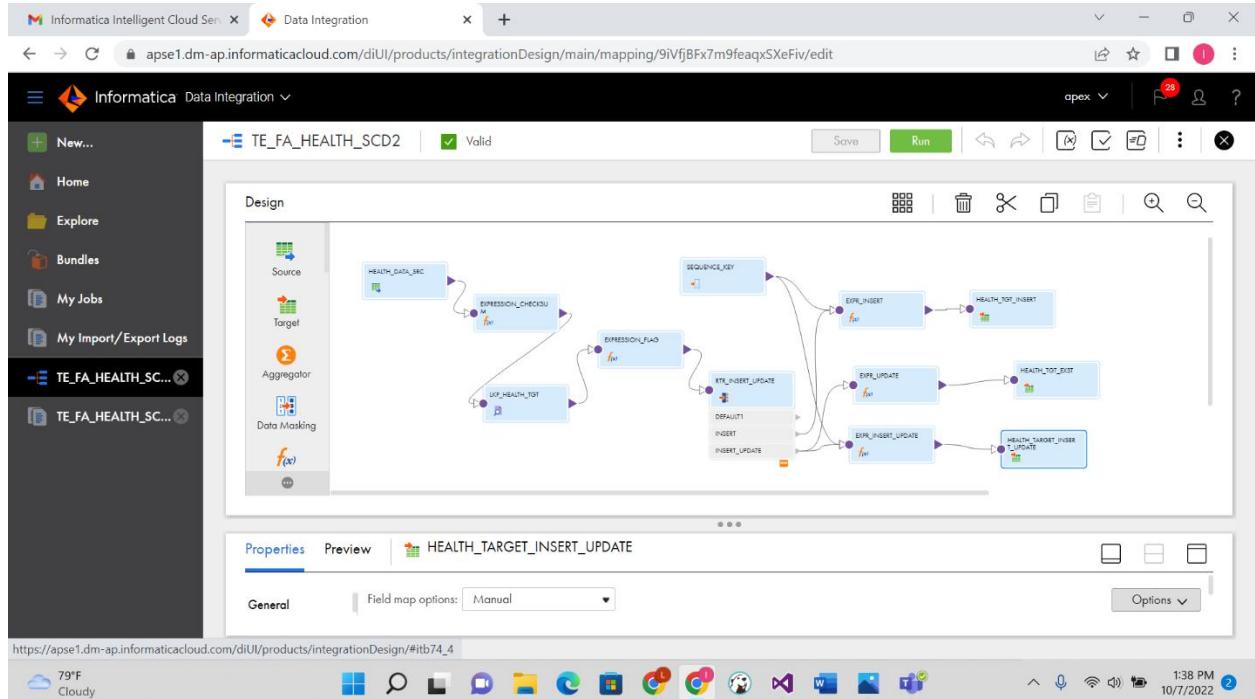
Properties **Preview** **HEALTH_TARGET_INSERT_UPDATE**

Details	
Connection:	lavanya_mysql (SQL Server)
Target Type:	Single Object
Object:	TE_FA_HEALTH_SCD2_TGT
Operation:	Insert
<input type="checkbox"/> Truncate target	

STEP 16-



STEP 17-



RESULT:

Informatica Data Integration - My Jobs

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTH_SCD2...	Lavanya_IICS		Oct 7, 2022, 12:57 ...	Oct 7, 2022, 1...	2	Success
TE_FA_HEALTH_SCD2...	Lavanya_IICS		Oct 7, 2022, 12:55 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-9	Lavanya_IICS		Oct 7, 2022, 12:51 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-8	Lavanya_IICS		Oct 7, 2022, 12:46 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-7	Lavanya_IICS		Oct 7, 2022, 12:40 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-6	Lavanya_IICS		Oct 7, 2022, 12:39 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-5	Lavanya_IICS		Oct 7, 2022, 12:35 ...	Oct 7, 2022, 1...	2	Warning
TE_FA_HEALTH_SCD2-4	Lavanya_IICS		Oct 7, 2022, 12:30 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-3	Lavanya_IICS		Oct 7, 2022, 12:28 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-2	Lavanya_IICS		Oct 7, 2022, 12:23 ...	Oct 7, 2022, 1...	2	Warning
TE_FA_HEALTH_SCD2-1	Lavanya_IICS		Oct 7, 2022, 12:20 ...	Oct 7, 2022, 1...	12	Success

```

INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(1,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(2,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(3,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(4,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(5,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(6,'NEPHROLOGY','Rims Govt. General Hospital, Srikanulam',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(7,'CARDIAC AND CARDIOTHORACIC SURGERY','Karumuri Hospital',40000,115846)

SELECT * FROM TE_FA_HEALTH_SCD2_SRC

```

patient_key	patient_id	catg_name	hospital_name	start_date	end_date	Checksum
1	1	1 NEPHROLOGY	Rims Govt.	2022-10-07	9999-12-31	A97E16758B
2	2	2 RADIOLOGY	Rims Govt.	2022-10-07	9999-12-31	DCA97514EF
3	3	3 NEPHROLOGY	Rims Govt.	2022-10-07	9999-12-31	F753D0E25D
4	4	4 NEPHROLOGY	Rims Govt.	2022-10-07	9999-12-31	C6CBA65470
5	5	5 NEPHROLOGY	Rims Govt.	2022-10-07	9999-12-31	DBE1D18718
6	6	6 NEPHROLOGY	Rims Govt.	2022-10-07	9999-12-31	A66225A171
7	7	7 CARDIAC AN	Karumuri H	2022-10-07	9999-12-31	E17401D693
8	8	8 CARDIAC AN	Karumuri H	2022-10-07	9999-12-31	B1CEB572FA
9	9	9 CARDIOLOGY	Karumuri H	2022-10-07	9999-12-31	97559C3B27
10	10	10 CARDIOLOGY	Karumuri H	2022-10-07	9999-12-31	883F977AD8
11	11	11 PEDIATRICS	Area Hospi	2022-10-07	9999-12-31	354B7DF2F4
12	12	12 ORTHOPEDIC	7 STAR SUP	2022-10-07	9999-12-31	EEDCDC5C9F9

AFTER UPDATING SOURCE TABLE:

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

DBeaver Sample Database (SQLite)

dlithe - rewsolution.database.windows.net:1433

lavanya - rewsolution.database.windows.net:1433

oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

```
--IICS SCD2-----
--SOURCE-----
CREATE TABLE TE_FA_HEALTH_SCD2_SRC
(
    PID float,
    CATEGORY_NAME nvarchar(255),
    HOSP_NAME nvarchar(255),
    PREAUTH_AMT float,
    CLAIM_AMOUNT float
)

UPDATE TE_FA_HEALTH_SCD2_SRC
SET CATEGORY_NAME = 'ONCOLOGY'
WHERE PID = '11'

INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(1,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(2,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(3,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(4,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(5,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(6,'NEPHROLOGY','Rims Govt. General Hospital, Srikanthapuram',12500,11000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(7,'CARDIAC AND CARDIOTHORACIC SURGERY','Karumuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(8,'CARDIAC AND CARDIOTHORACIC SURGERY','Karumuri Hospital',40000,115846)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(9,'CARDIOLOGY','Karumuri Hospital',30000,30000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(10,'CARDIOLOGY','Karumuri Hospital',40000,40000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(11,'PEDIATRICS','Area Hospital Cherela',35000,25000)
INSERT INTO TE_FA_HEALTH_SCD2_SRC VALUES(12,'ORTHOPEDIC SURGERY AND PROCEDURES','7 STAR SUPER SPECIALITY HOSPITAL',30000,30000)

SELECT * FROM TE_FA_HEALTH_SCD2_SRC
TRUNCATE TABLE TE_FA_HEALTH_SCD2_SRC
```

Results 1 ×

IST en Writable Smart Insert 559 : 36 : 24196 Sel: 0 | 0

Project - General ×

Name DataSource

Bookmarks Diagrams Scripts

79°F Cloudy 1:39 PM 10/7/2022

Informatica Intelligent Cloud Server Data Integration

informatica.com/diUI/products/integrationDesign/main/MonitorJobs/di

Informatica Data Integration

New... Home Explore Bundles My Jobs My Import/Export Logs TE_FA_HEALTH_SC... TE_FA_HEALTH_SC...

My Jobs Data Integration

Jobs (11 of 23) Updates available Updated 12:57:41 AM PDT

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTH_SCD2...	Lavanya_IICS		Oct 7, 2022, 12:57 ...	Oct 7, 2022, 1...	2	Success
TE_FA_HEALTH_SCD2...	Lavanya_IICS		Oct 7, 2022, 12:55 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-9	Lavanya_IICS		Oct 7, 2022, 12:51 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-8	Lavanya_IICS		Oct 7, 2022, 12:46 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-7	Lavanya_IICS		Oct 7, 2022, 12:40 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-6	Lavanya_IICS		Oct 7, 2022, 12:39 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-5	Lavanya_IICS		Oct 7, 2022, 12:35 ...	Oct 7, 2022, 1...	2	Warning
TE_FA_HEALTH_SCD2-4	Lavanya_IICS		Oct 7, 2022, 12:30 ...	Oct 7, 2022, 1...	0	Success
TE_FA_HEALTH_SCD2-3	Lavanya_IICS		Oct 7, 2022, 12:28 ...	Oct 7, 2022, 1...	12	Success
TE_FA_HEALTH_SCD2-2	Lavanya_IICS		Oct 7, 2022, 12:23 ...	Oct 7, 2022, 1...	2	Warning
TE_FA_HEALTH_SCD2-1	Lavanya_IICS		Oct 7, 2022, 12:20 ...	Oct 7, 2022, 1...	12	Success

79°F Cloudy 1:28 PM 10/7/2022

DBeaver 22.2.0 - <lavanya> Script-2

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects <dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql <> <lavanya> Script-2
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> dlithe - rewsolution.database.windows.net:1433
> lavanya - rewsolution.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

SELECT * FROM TE_FA_HEALTH_SCD2_SRC

Results 1 ×
SELECT * FROM TE_FA_HEALTH_SCD2_SRC Enter a SQL expression to filter results (use Ctrl+Space)
Grid Text Record
patient_key patient_id catg_name hospital_name start_date end_date Checksum
1 1 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 A97E1675B8
2 2 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 5871A224CE
3 3 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 F753D0E25D
4 4 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 C6CBA65470
5 5 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 DBE1D1B718
6 6 NEPHROLOGY Rims Govt. 2022-10-07 9999-12-31 A66225A171
7 7 CARDIAC AN Karumuri H 2022-10-07 9999-12-31 E17401D693
8 8 CARDIAC AN Karumuri H 2022-10-07 9999-12-31 B1CEB572FA
9 9 CARDIOLOGY Karumuri H 2022-10-07 9999-12-31 97559C3827
10 10 CARDIOLOGY Karumuri H 2022-10-07 9999-12-31 883F977AD8
11 11 PEDIATRICS Area Hospi 2022-10-07 2022-10-07 354B7D2F24
12 12 ORTHOPEDIC 7 STAR SUP 2022-10-07 9999-12-31 EEDCD5C9F9
13 1 ONCOLOGY Area Hospi 2022-10-07 9999-12-31 5B7421F194

Project - General ×
Name DataSource
> Bookmarks
> Diagrams
> Scripts

Save Cancel Script IST en Writable Smart Insert Rows: 1 13 rows(fetched - 193ms, on 2022-10-07 at 13:27:55) 559 : 36 : 24196 Sel: 0 | 0 | 1:28 PM 10/7/2022
Cloudy 79°F

```

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

->SOURCE AND DESTINATION TABLE:

DBeaver 22.2.0 - <lavanya> Script-2

```

File Edit Navigate Search SQL Editor Database Window Help
Database Navigator Projects <dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql <> <lavanya> Script-2
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> dlithe - rewsolution.database.windows.net:1433
> lavanya - rewsolution.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

CREATE TABLE TE_FA_HEALTH_SRC_IICS
(
    [PID] float,
    [AGE] float,
    [GENDER] nvarchar(255),
    [CATEGORY_NAME] nvarchar(255),
    [SURGERY_CODE] nvarchar(255),
    [DISTRICT_NAME] nvarchar(255),
    [PREAUTH_AMT] float,
    [CLAIM_AMOUNT] float,
    [HOSP_NAME] nvarchar(255),
    [SURGERY_DATE] datetime,
    [DISCHARGE_DATE] datetime
)

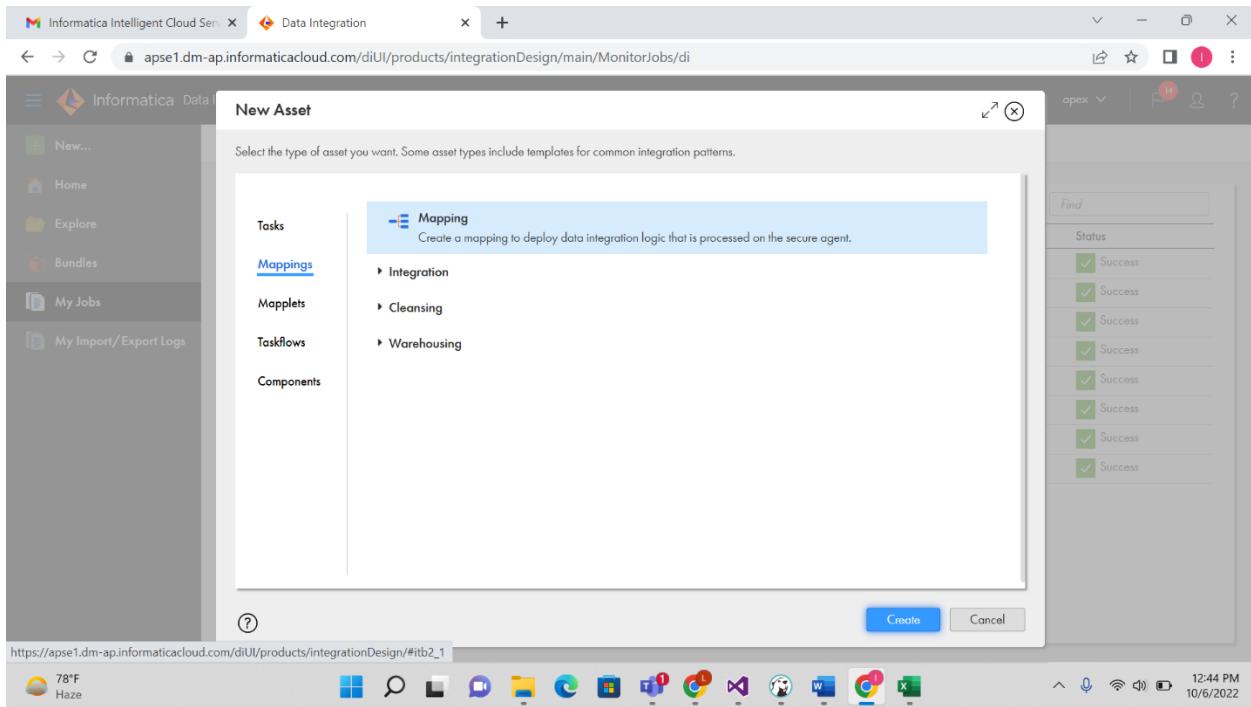
SELECT * FROM TE_FA_HEALTH_SRC_IICS
-----DESTINATION TABLE-----SQL
SELECT * FROM TE_FA_HEALTH_TGT_IICS
-----AGGREGATE TABLE-----
-----SOURCE TABLE-----SQL
SELECT * FROM TE_FA_HEALTH_SRC_IICS
-----DESTINATION TABLE-----SQL
SELECT * FROM TE_FA_HEALTH_TGT_AGGR

Results 1 ×
SELECT * FROM TE_FA_HEALTH_TGT_IIC Enter a SQL expression to filter results (use Ctrl+Space)
IST en Writable Smart Insert 504 : 36 : 21166 Sel: 0 | 0 | 12:43 PM 10/6/2022
Cloudy 78°F Haze

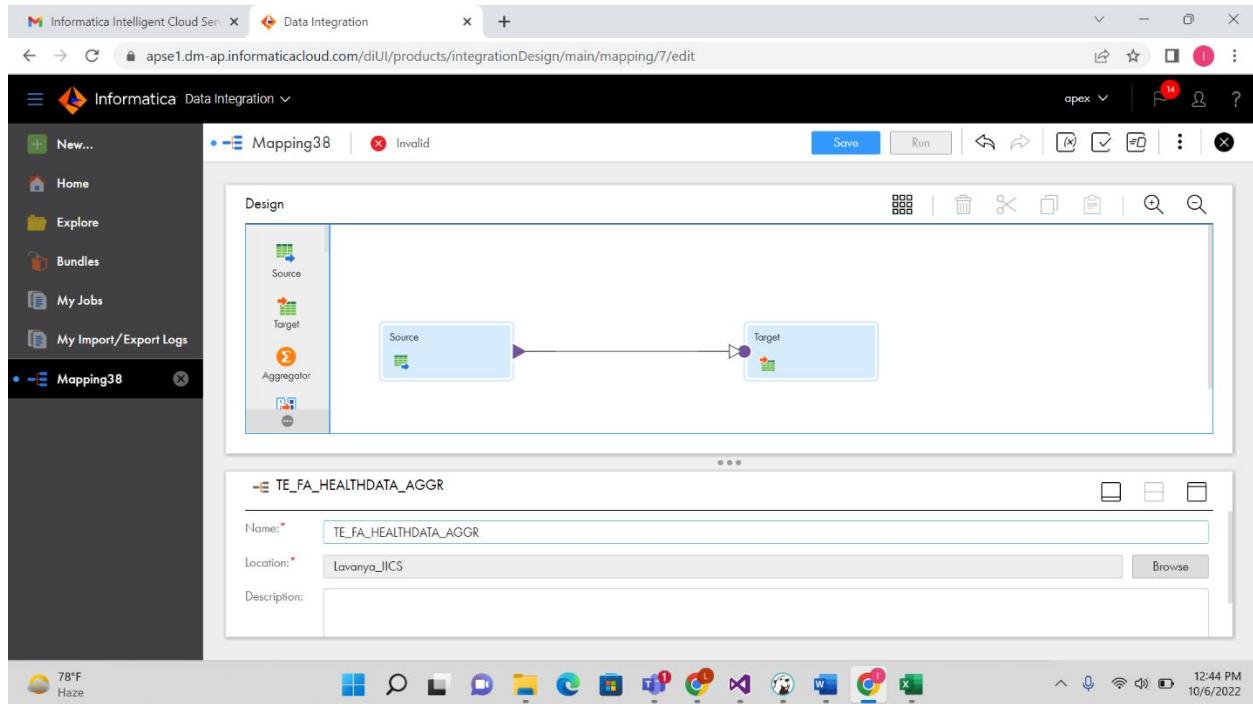
```

STEPS TO EXECUTE IICS :

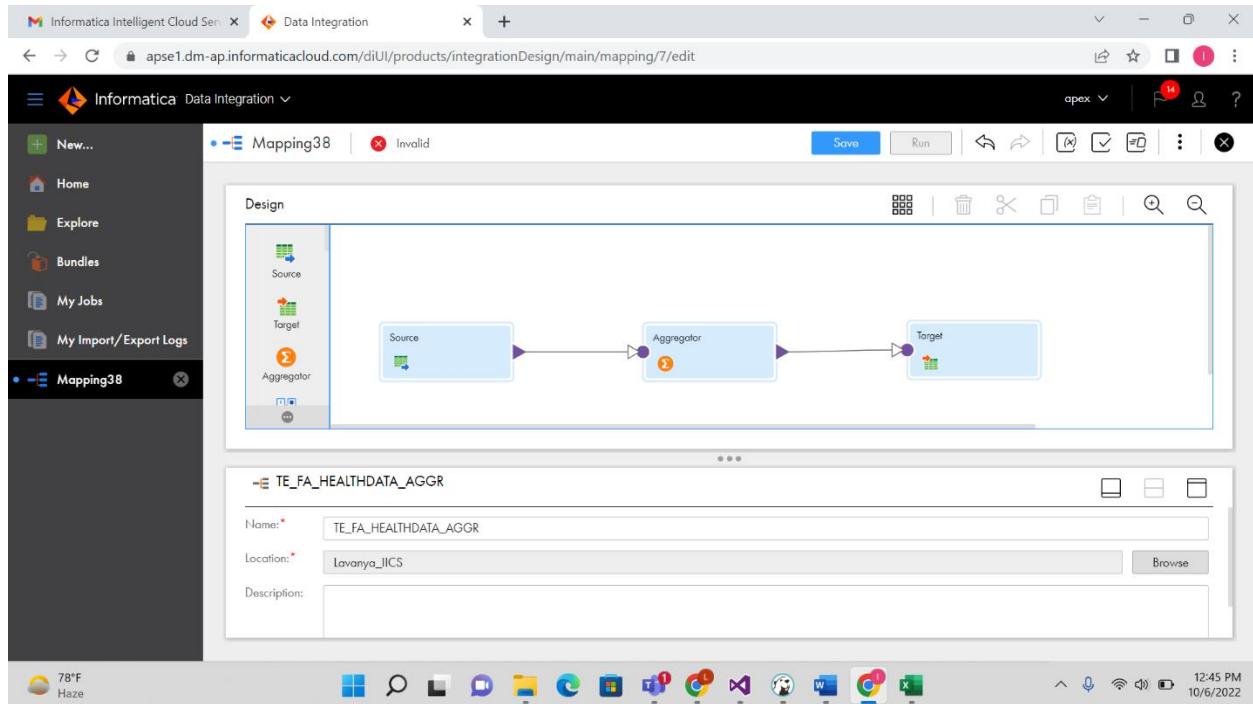
- STEP 1-



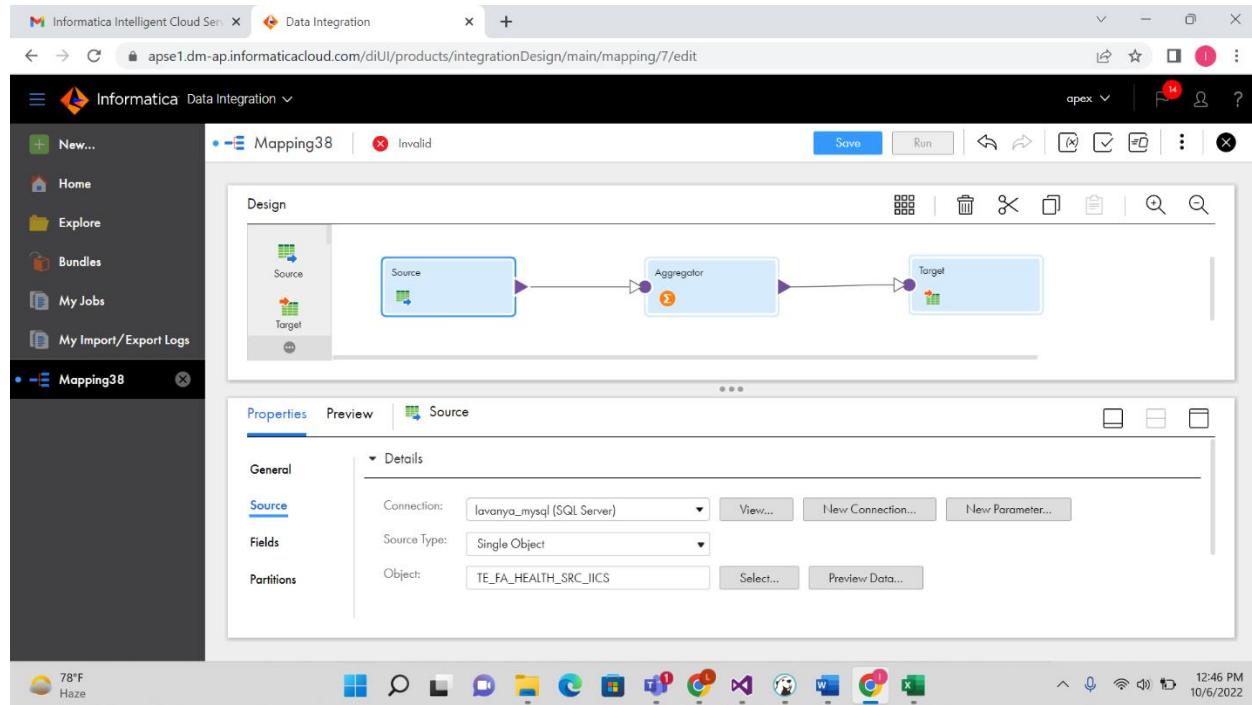
- STEP 2-



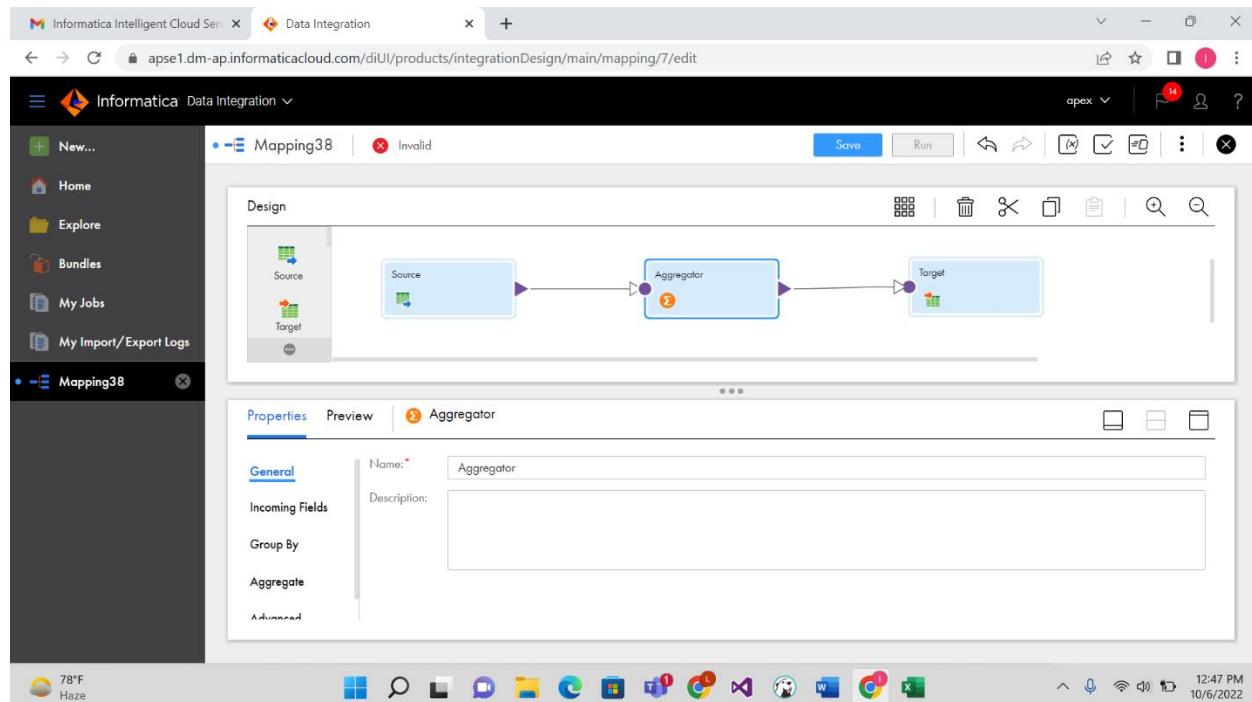
● STEP 3-



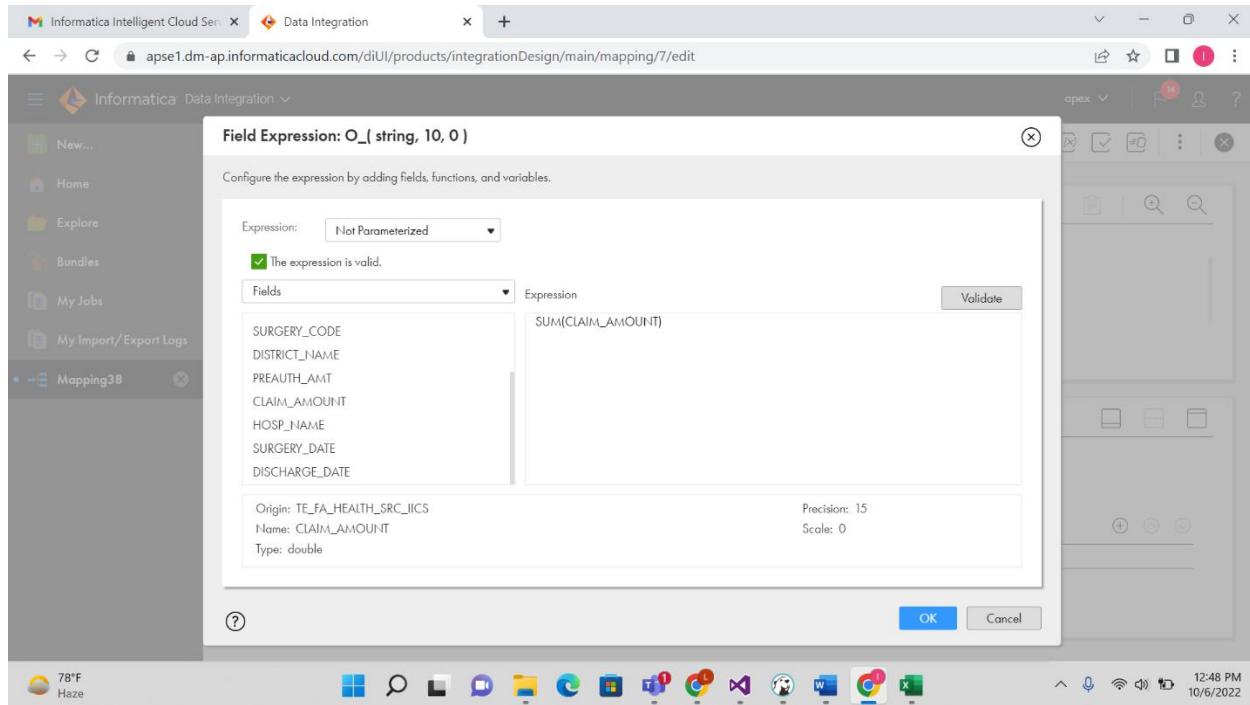
- STEP 4-



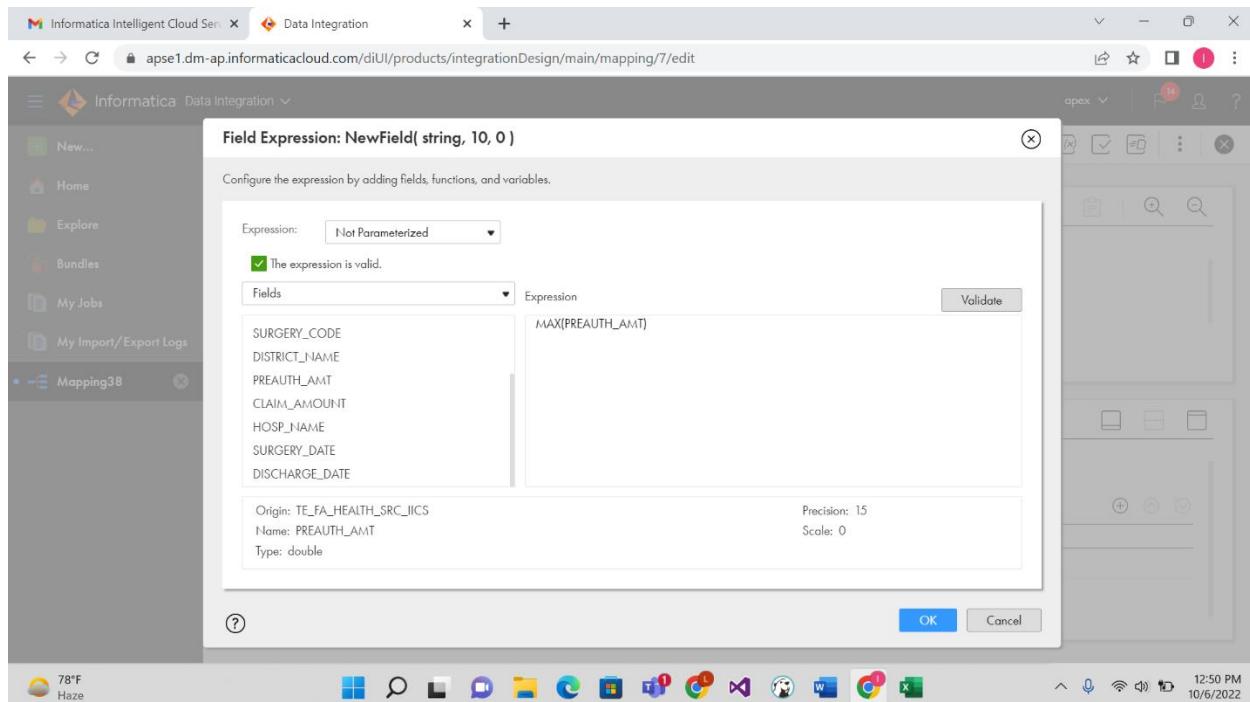
- STEP 5-



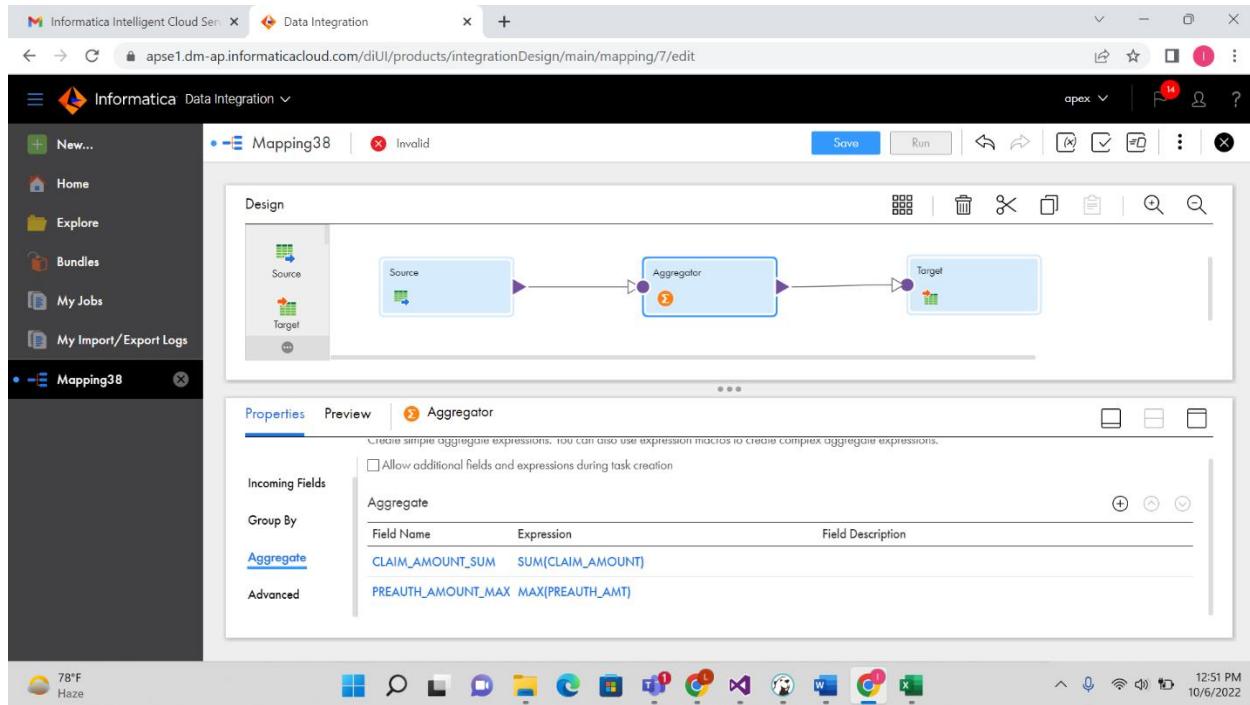
- STEP 6-



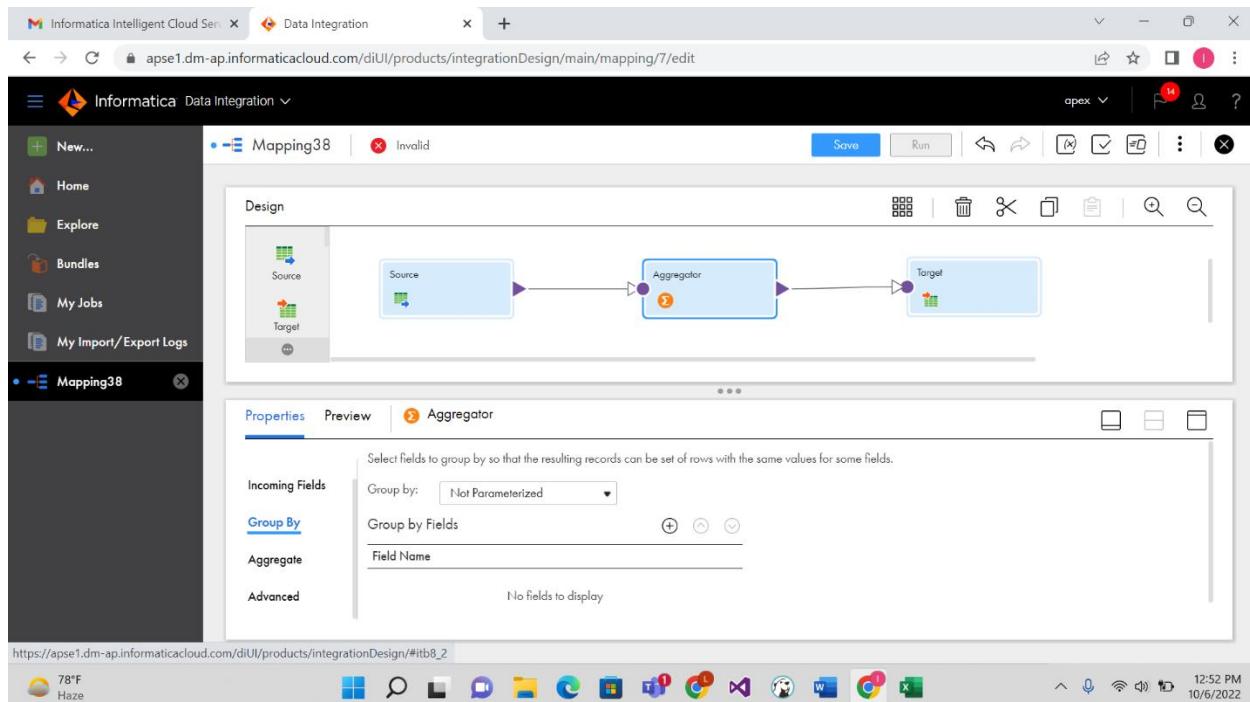
- STEP 7-



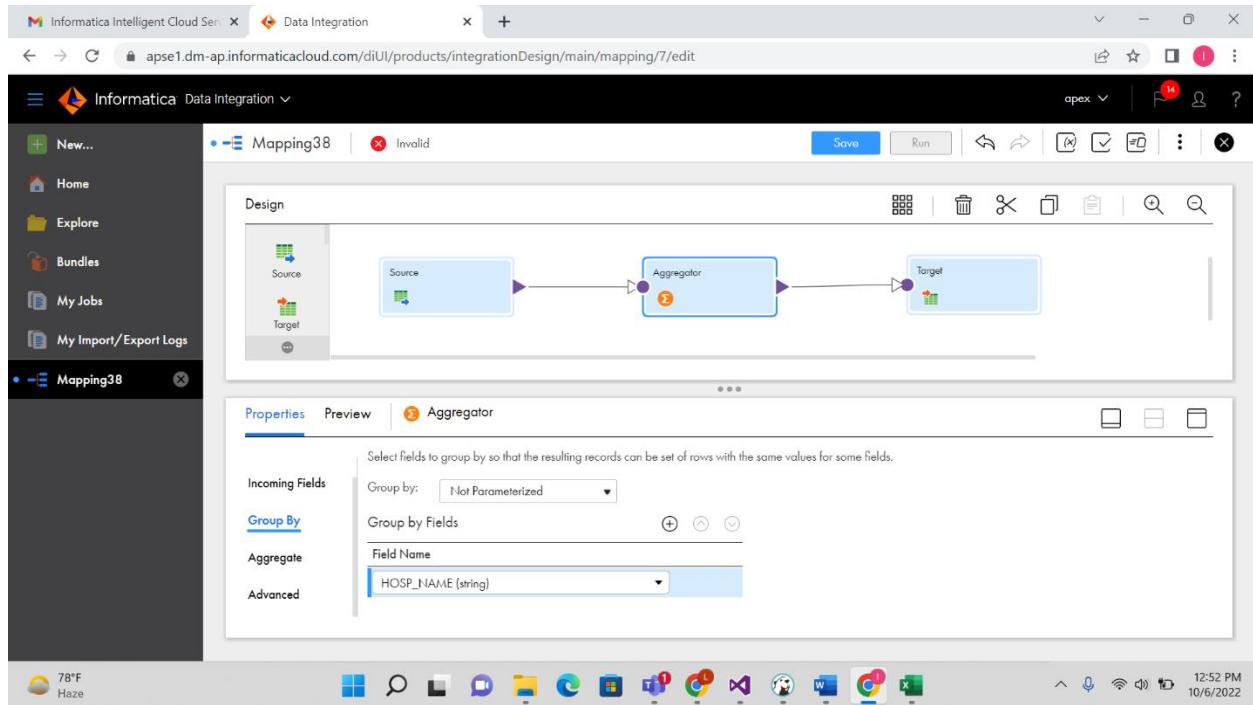
● STEP 8-



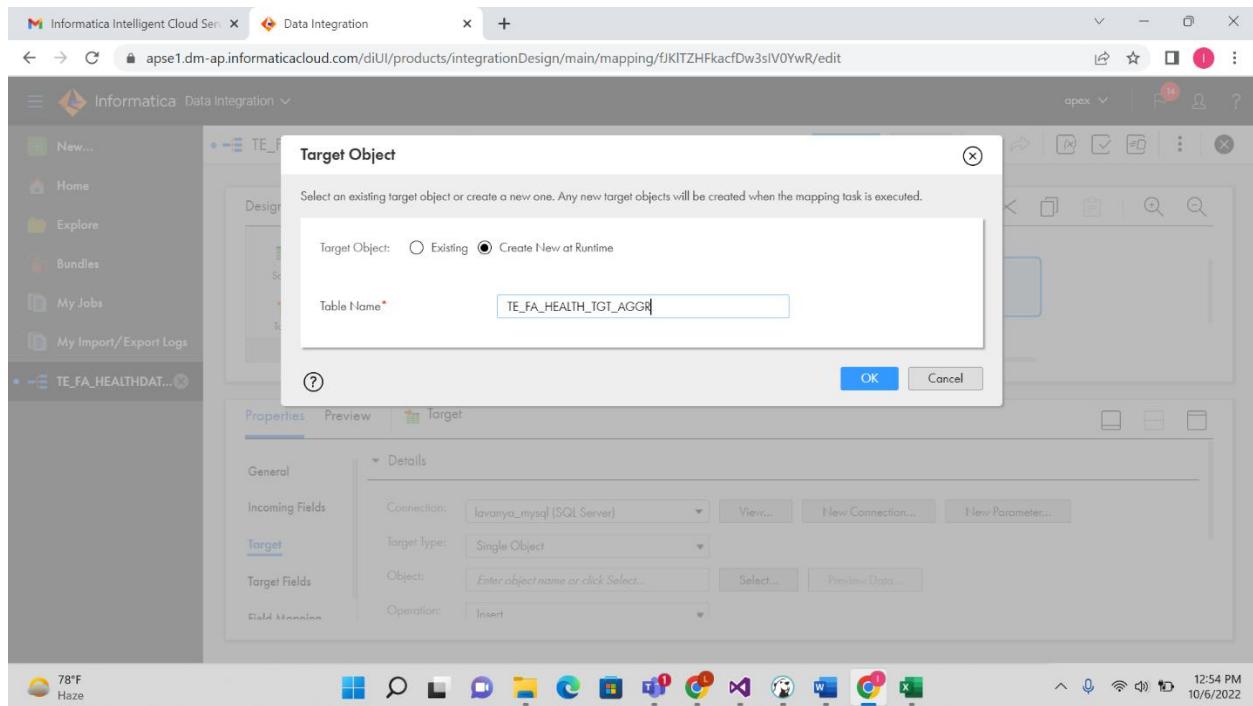
● STEP 9-



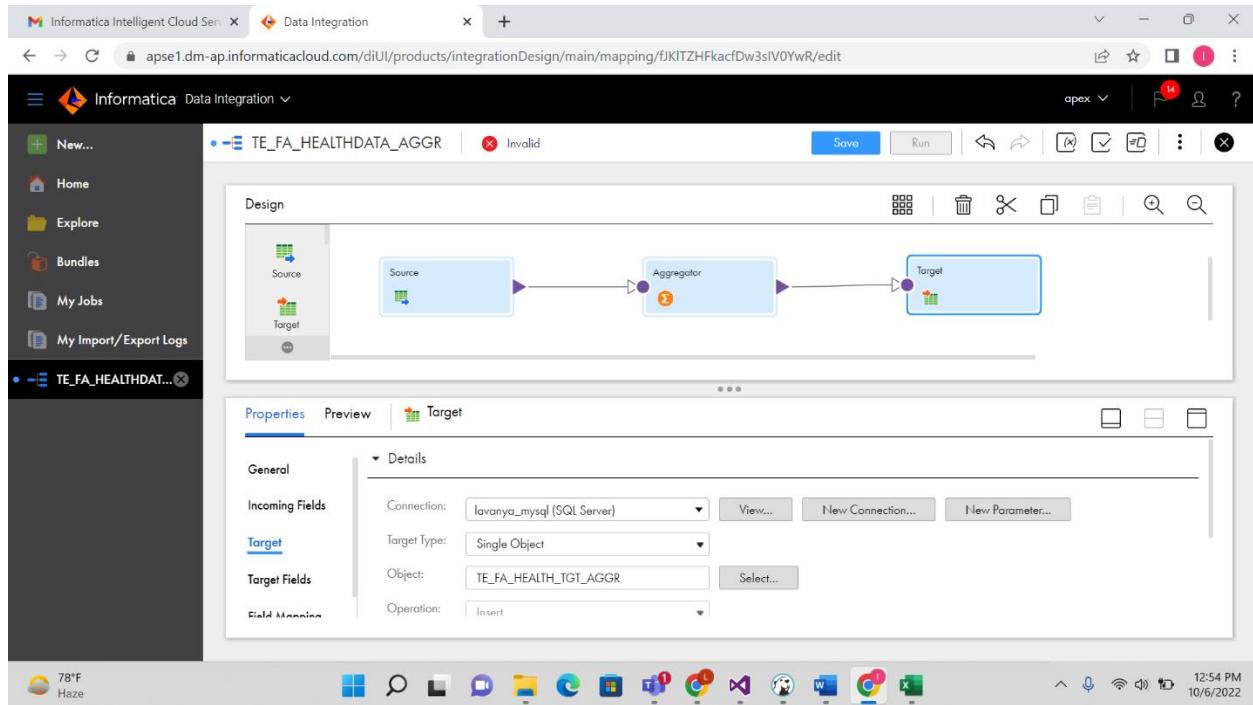
● STEP 10-



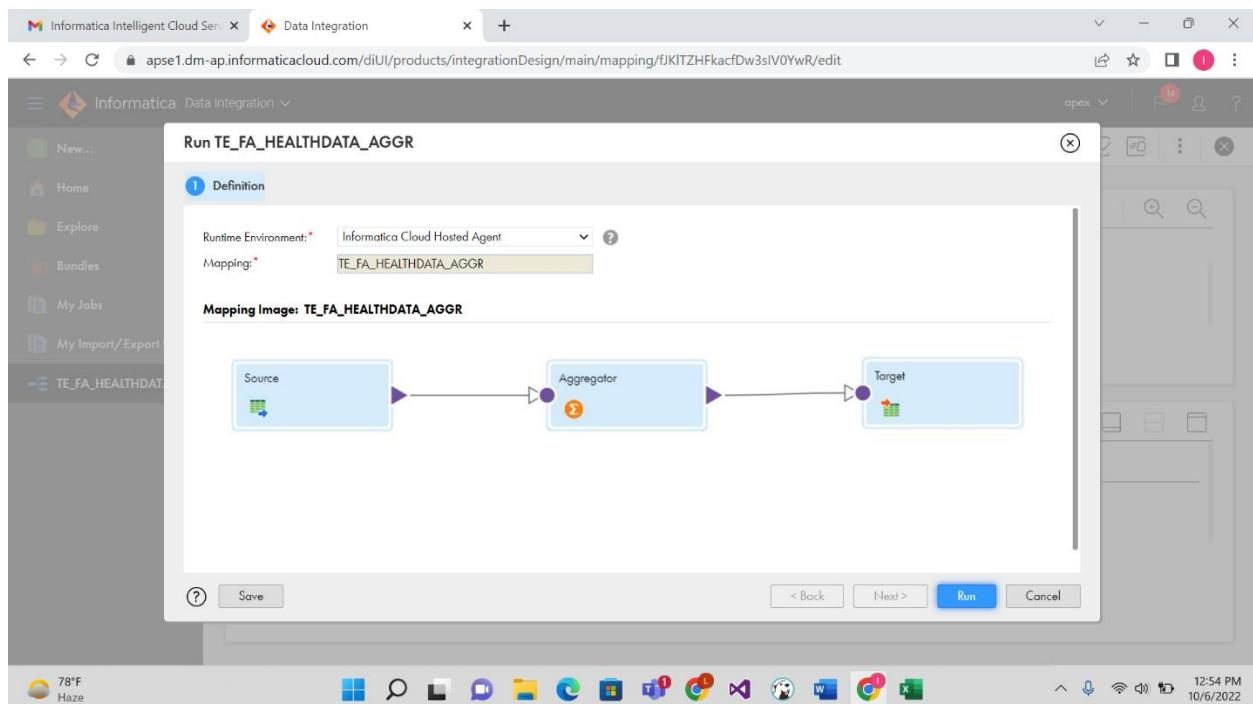
● STEP 11-



● STEP 12-



● STEP 13-



● STEP 14-

The screenshot shows the Informatica Data Integration interface. In the top right, there's a message: "Started TE_FA_HEALTHDATA_AGGR. View in My Jobs." Below it, the main area displays a mapping named "TE_FA_HEALTHDATA_AGGR". The mapping consists of a Source, Aggregator, and Target. The Source and Target are represented by blue boxes, while the Aggregator is a purple circle with a yellow icon. The properties panel on the right is set to the "Target" tab, showing details like Connection (lavanya_mysql [SQL Server]), Target Type (Single Object), Object (TE_FA_HEALTH_TGT_AGGR), and Operation (Insert). The bottom status bar shows the date and time as 10/6/2022 at 12:54 PM.

● STEP 15-

The screenshot shows the "My Jobs" page in the Informatica Data Integration interface. It lists one job instance: "TE_FA_HEALTHDATA_A...". The job details are as follows:

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTHDATA_A...	Lavanya_IICS		Oct 6, 2022, 12:25 ...	Oct 6, 2022, 1...	19	Success

The bottom status bar shows the date and time as 10/6/2022 at 12:55 PM.

RESULT:

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects Enter a part of object name here

> DBeaver Sample Database (SQLite)

> dlithe - rewsolution.database.windows.net:1433

> lavanya - rewsolution.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

CREATE TABLE TE_FA_HEALTH_SRC_IICS

Results 1 ×

SELECT * FROM TE_FA_HEALTH_TGT_AC

PID	AGE	GENDER	CATEGORY_NAME	SURGERY_CODE	DISTRICT_NAME	PRAUTH_AMT	
1	78	24	Male	ORTHOPEDIC SURGERY AND PROCEDURES	S5.4.4	East Godavari	34,114
2	97	57	Male	NEPHROLOGY	M6.5	Nellore	12,500
3	98	75	Male	NEPHROLOGY	M6.5	Krishna	12,500
4	91	1	Male(Child)	COCHLEAR IMPLANT SURGERY	S16.1.1	Prakasam	520,000
5	85	40	Female	GYNAECOLOGY AND OBSTETRICS SURGERY	S4.2.1	Prakasam	30,000
6	92	60	Male	NEPHROLOGY	M6.5	Guntur	12,500
7	93	56	Male	RADIATION ONCOLOGY	S13.2.1	Nellore	66,300
8	58	1	Male(Child)	COCHLEAR IMPLANT SURGERY	S16.1.1	East Godavari	520,000
9	100	60	Male	RADIATION ONCOLOGY	S13.1.3	East Godavari	15,000
10	82	1	Female(Child)	COCHLEAR IMPLANT SURGERY	S16.1.1	Vishakhapatnam	520,000
11	7	52	Male	NEPHROLOGY	M6.5	Kurnool	12,500
12	32	63	Male	CARDIOLOGY	M5.1.2	Srikakulam	30,000
13	90	45	Male	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.10.1	Guntur	145,000
14	89	35	Male	NEPHROLOGY	M6.4	Srikakulam	30,870
15	31	42	Female	MEDICAL ONCOLOGY	S12.26.1	Krishna	60,000
16	57	52	Male	CARDIOLOGY	M5.1.2	Srikakulam	30,000
17	99	59	Male	NEPHROLOGY	M6.5	Srikakulam	12,500
18	6	35	Male	NEPHROLOGY	M6.5	Srikakulam	12,500
19	94	72	Female	ORTHOPEDIC SURGERY AND PROCEDURES	S5.4.6	Guntur	30,000

Project - General

Name DataSource

Bookmarks Diagrams Scripts

Record

Save Cancel Script Smart Insert IST en Writable Rows: 1 19 row(s) fetched - 212ms, on 2022-10-06 at 12:55:5 504 : 36 : 21166 Sel: 0 | 0

78°F Haze 12:56 PM 10/6/2022

DBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects Enter a part of object name here

> DBeaver Sample Database (SQLite)

> dlithe - rewsolution.database.windows.net:1433

> lavanya - rewsolution.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

CREATE TABLE TE_FA_HEALTH_SRC_IICS

Results 1 ×

SELECT * FROM TE_FA_HEALTH_TGT_AC

HOSP_NAME	SURGERY_DATE	DISCHARGE_DATE	CLAIM_AMOUNT_SUM	PRAUTH_AMOU
1 4 7 STAR SUPER SPECIALITY HOSPITAL	2015-01-02 00:00:00.000	2015-01-08 00:00:00.000	68,228	78,000
2 0 ABHIRAM INSTITUTE OF MEDICAL SCIENCES	2015-04-07 00:00:00.000	2016-12-19 00:00:00.000	11,100	
3 0 Andhra Health Diagnostic Services LimitedGlo	2015-04-08 00:00:00.000	[NULL]	10,000	
4 0 Apollo Hospitals Enterprises Ltd Jubilee Hills	2016-04-14 00:00:00.000	2016-04-15 00:00:00.000	520,000	
5 0 Area Hospital - Cheerala	2015-02-24 00:00:00.000	2015-03-04 00:00:00.000	76,300	
6 0 Aswin Hospital	2015-03-25 00:00:00.000	2015-09-17 00:00:00.000	8,750	
7 0 BASAVATARAKAM INDO AMERICAN CANCER	2015-03-23 00:00:00.000	2017-03-10 00:00:00.000	34,500	
8 0 Ent Nursing Home	2016-07-26 00:00:00.000	2016-07-27 00:00:00.000	1,040,000	
9 0 Government General HospitalKakinada	2015-04-27 00:00:00.000	2015-05-26 00:00:00.000	10,000	
10 0 Govt Ent Hospital - Koti	2015-09-03 00:00:00.000	2015-11-06 00:00:00.000	2,030,000	
11 0 Govt General Hospital Kurnool	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	11,000	
12 0 KIMS SAJ SESHODI HOSPITAL	2014-08-08 00:00:00.000	2014-08-13 00:00:00.000	180,000	
13 0 Karumuri Hospital	2015-03-11 00:00:00.000	2015-03-19 00:00:00.000	3,938,934	
14 0 MyCare HospitalsA Unit of Sahrudaya Helath	2015-03-03 00:00:00.000	2015-03-10 00:00:00.000	30,870	
15 0 Nims Hospitals	2014-08-06 00:00:00.000	2014-09-01 00:00:00.000	60,000	
16 0 OZONE HOSPITALS	2014-10-28 00:00:00.000	2014-11-06 00:00:00.000	25,000	
17 0 Queens Nri Hospitals	2015-05-21 00:00:00.000	2017-02-14 00:00:00.000	28,750	
18 0 Rims Govt. General Hospital, Srikakulam	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	66,500	
19 0 SAILAJA MULTISPECIALITY HOSPITAL	2015-03-26 00:00:00.000	2015-03-31 00:00:00.000	30,000	

Project - General

Name DataSource

Bookmarks Diagrams Scripts

Record

Save Cancel Script Smart Insert IST en Writable Rows: 1 19 row(s) fetched - 212ms, on 2022-10-06 at 12:55:5 504 : 36 : 21166 Sel: 0 | 0

78°F Haze 12:56 PM 10/6/2022

DBBeaver 22.2.0 - <lavanya> Script-2

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator × Projects

Enter a part of object name here

DBeaver Sample Database (SQLite)

dlithe - rewsolutions.database.windows.net:1433

lavanya - rewsolutions.database.windows.net:1433

oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

CREATE TABLE TE_FA_HEALTH_SRC_IICs

Results 1 ×

Grid

AME	SPECIALTY	SURGERY_DATE	DISCHARGE_DATE	CLAIM_AMOUNT_SUM	PREAUTH_AMOUNT_MAX	Timestamp
1	PER SPECIALITY HOSPITAL	2015-01-02 00:00:00.000	2015-01-08 00:00:00.000	68,228	34,114	2022-10-06 12:55:52
2	INSTITUTE OF MEDICAL SCIENCES	2015-04-07 00:00:00.000	2016-12-19 00:00:00.000	11,100	12,500	
3	Health Diagnostic Services LimitedGlo	2015-04-08 00:00:00.000	[NULL]	10,000	12,500	
4	Hospitals Enterprises Ltd Jubilee Hills	2016-04-14 00:00:00.000	2016-04-15 00:00:00.000	520,000	520,000	
5	ital - Cheerala	2015-02-24 00:00:00.000	2015-03-04 00:00:00.000	76,300	35,000	
6	ospital	2015-03-25 00:00:00.000	2015-09-17 00:00:00.000	8,750	12,500	
7	RAKAM INDO AMERICAN CANCER	2015-03-23 00:00:00.000	2017-03-10 00:00:00.000	34,500	66,300	
8	g Home	2016-07-26 00:00:00.000	2016-07-27 00:00:00.000	1,040,000	520,000	
9	nt General Hospital,Kakinada	2015-04-27 00:00:00.000	2015-05-26 00:00:00.000	10,000	15,000	
10	ospital - Koti	2015-09-03 00:00:00.000	2015-11-06 00:00:00.000	2,030,000	520,000	
11	al Hospital Kurnool	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	11,000	12,500	
12	ESHDRi HOSPITAL	2014-08-08 00:00:00.000	2014-08-13 00:00:00.000	180,000	30,000	
13	ospital	2015-03-11 00:00:00.000	2015-03-19 00:00:00.000	3,938,934	145,000	
14	spitalsA Unit of Sahrudaya Helath	2015-03-03 00:00:00.000	2015-03-10 00:00:00.000	30,870	30,870	
15	itals	2014-08-06 00:00:00.000	2014-09-01 00:00:00.000	60,000	60,000	
16	HOSPITALS	2014-10-28 00:00:00.000	2014-11-06 00:00:00.000	25,000	30,000	
17	Hospitals	2015-05-21 00:00:00.000	2017-02-14 00:00:00.000	28,750	12,500	
18	General Hospital, Srikakulam	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	66,500	12,500	
19	ULTISPECIALITY HOSPITAL	2015-03-26 00:00:00.000	2015-03-31 00:00:00.000	30,000	30,000	

Save Cancel Script Smart Insert Rows: 1 19 row(s) fetched - 212ms, on 2022-10-06 at 12:55:52

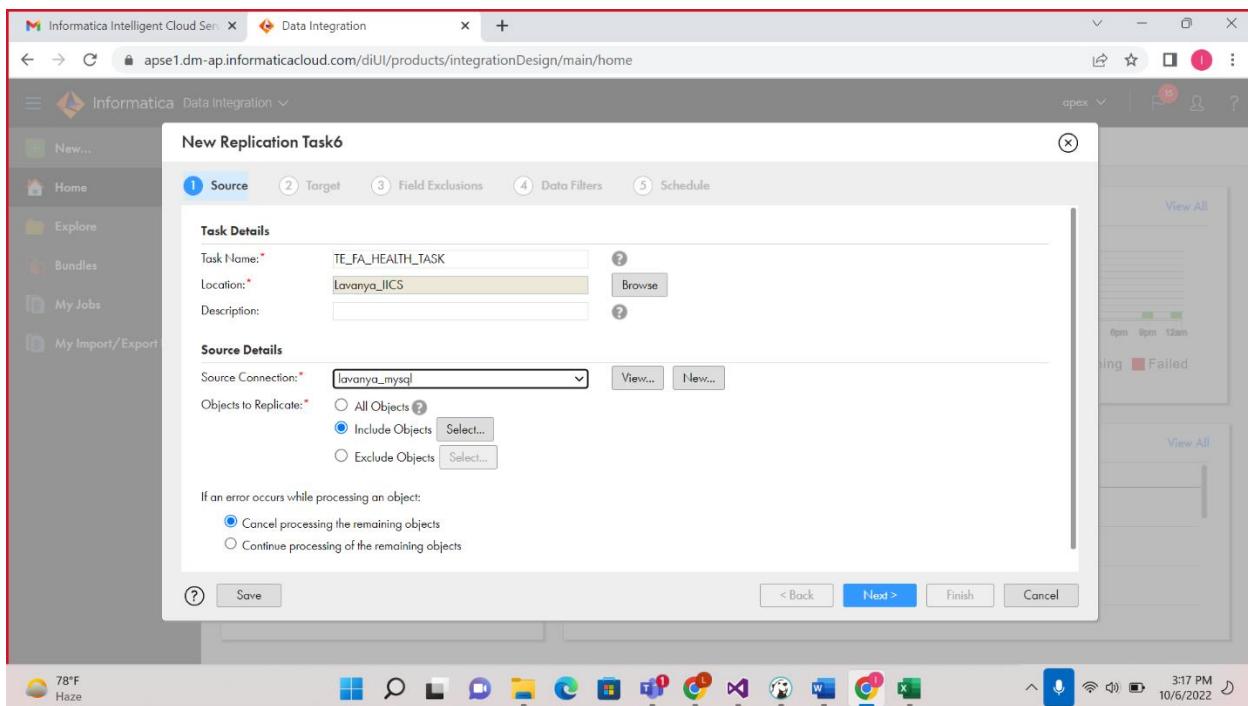
IST en Writable 504 : 36 : 21166 Sel: 0 | 0

78°F Haze

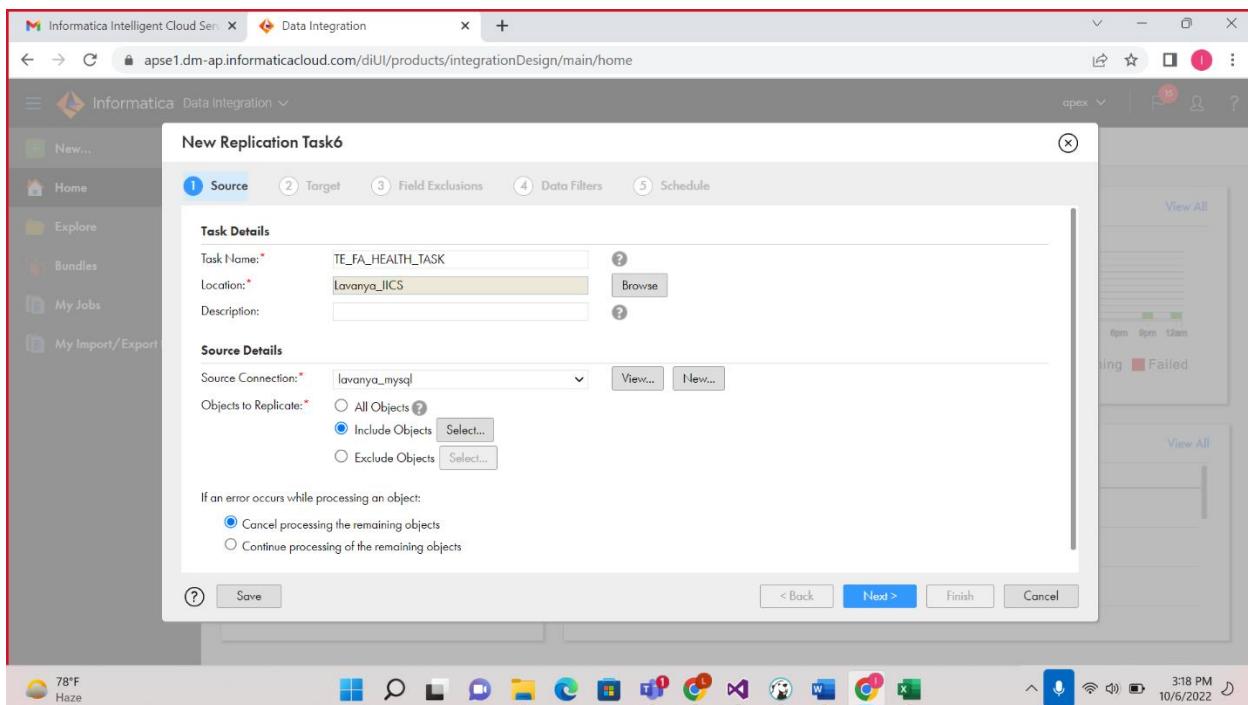
7. Create data replication task (single table and FULL DB)

->STEPS TO EXECUTE DATA REPLICATION TASK:

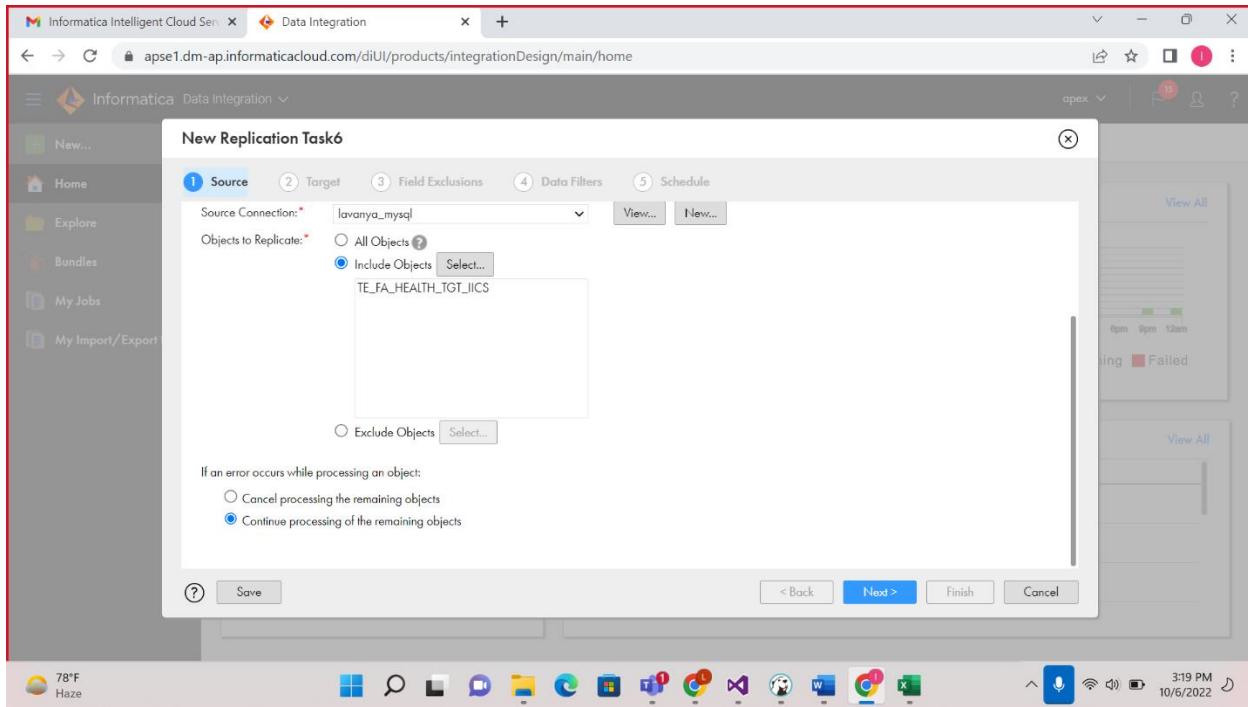
STEP 1-



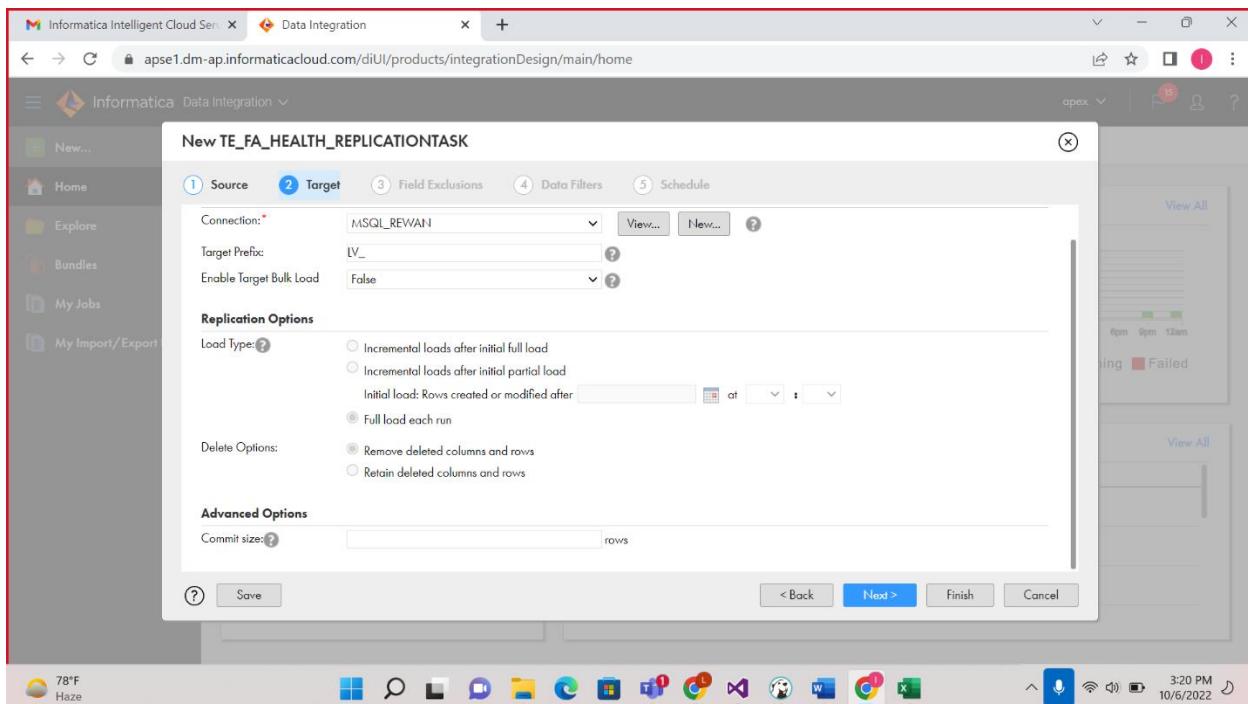
STEP 2-



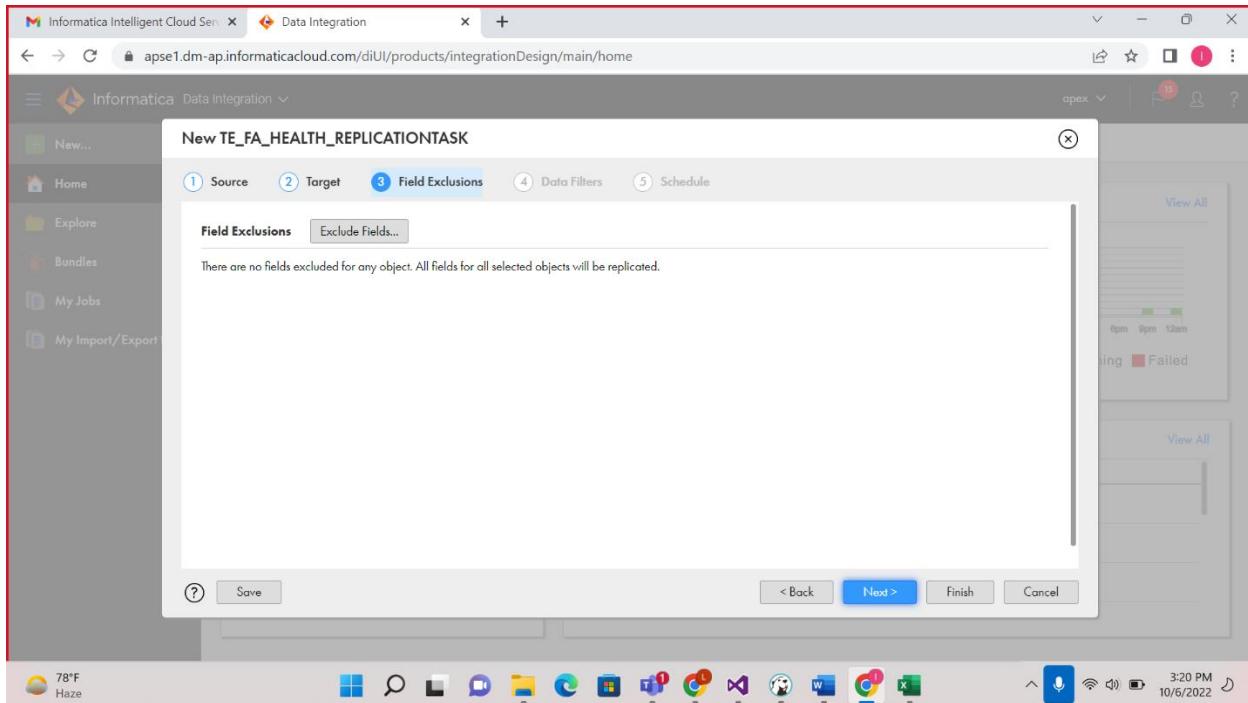
STEP 3-



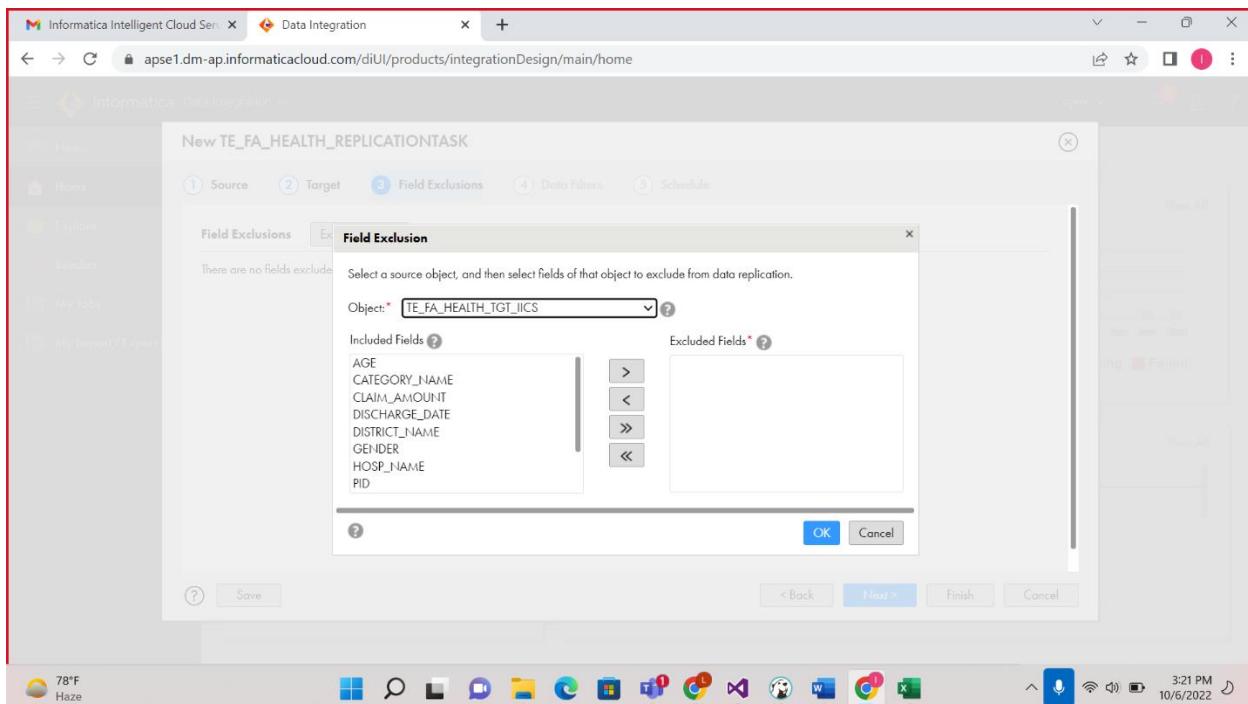
STEP 4-



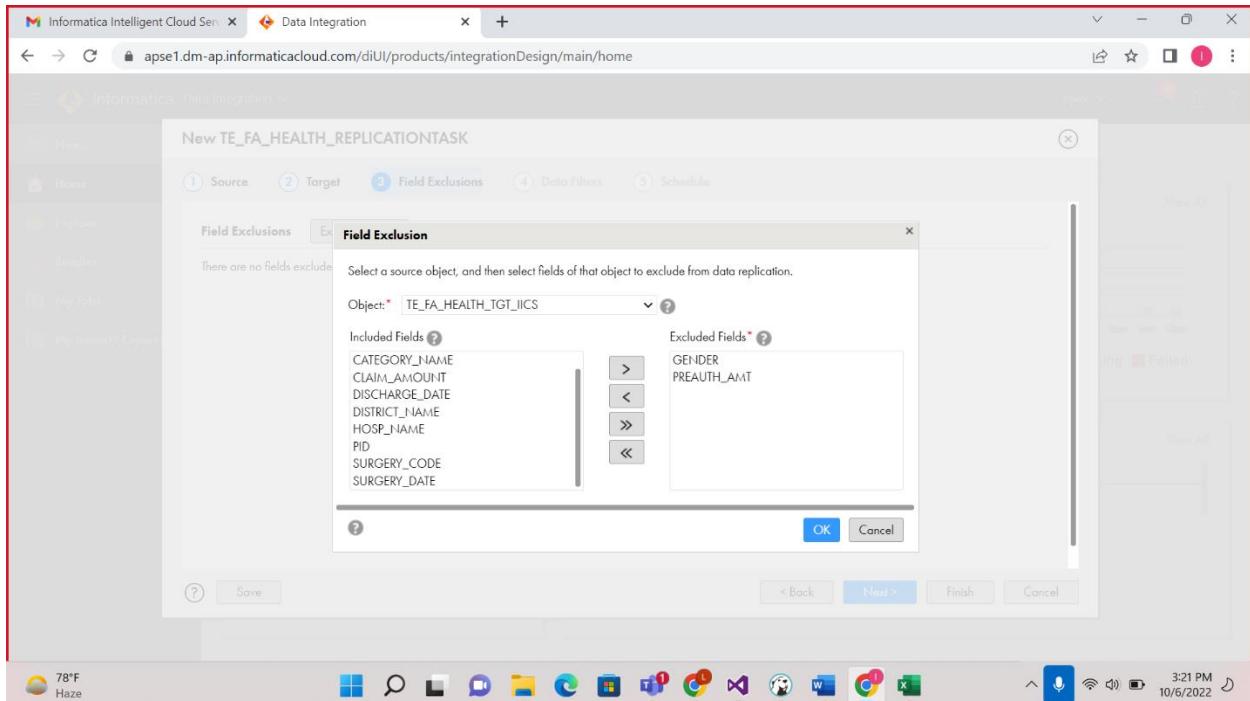
STEP 5-



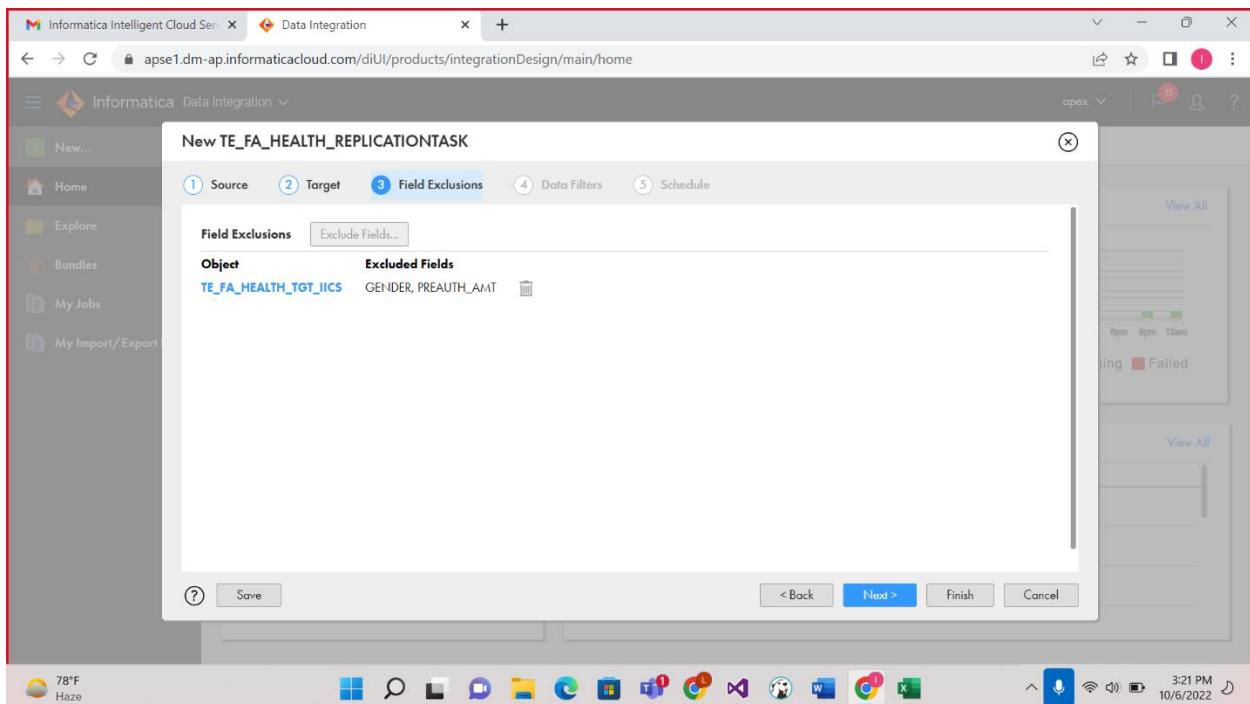
STEP 6-



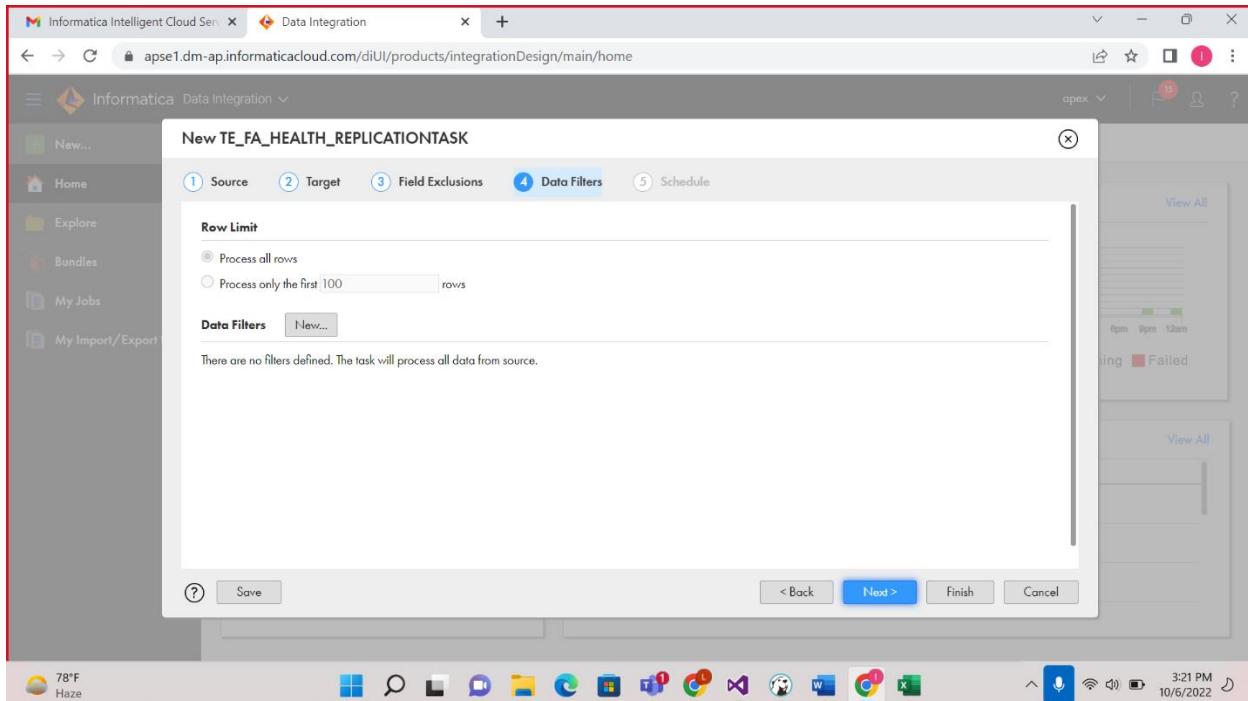
STEP 7-



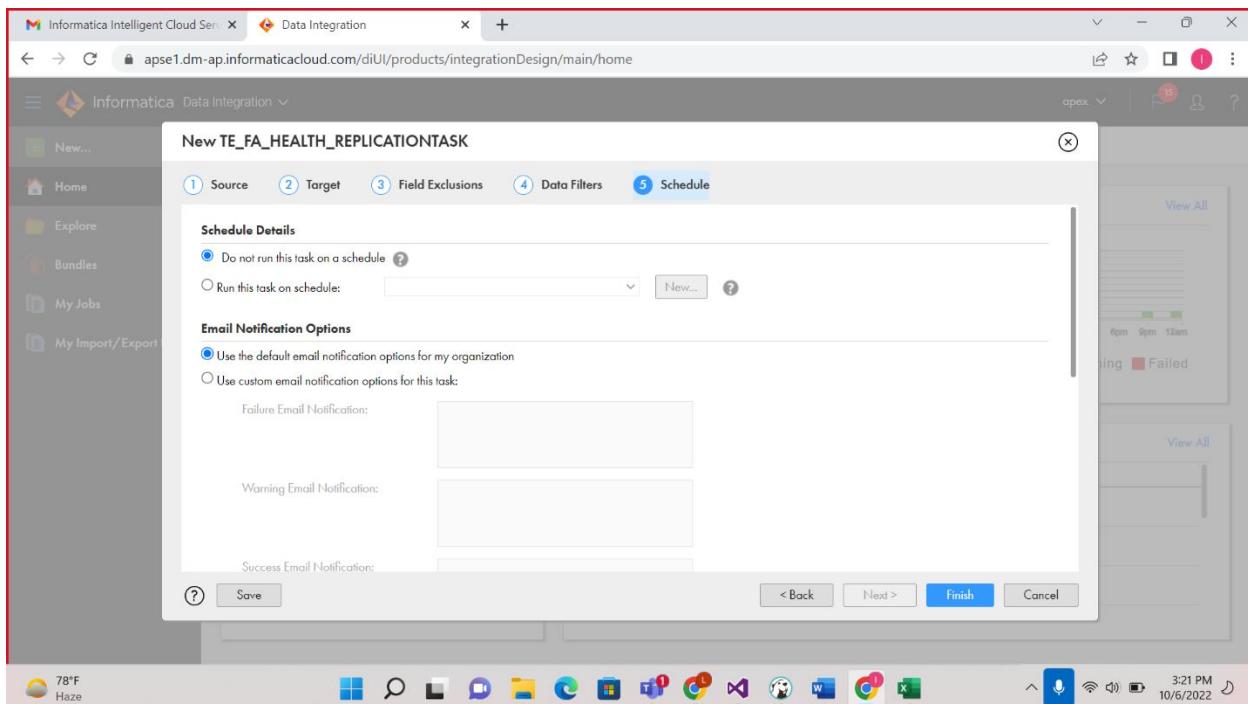
STEP 8-



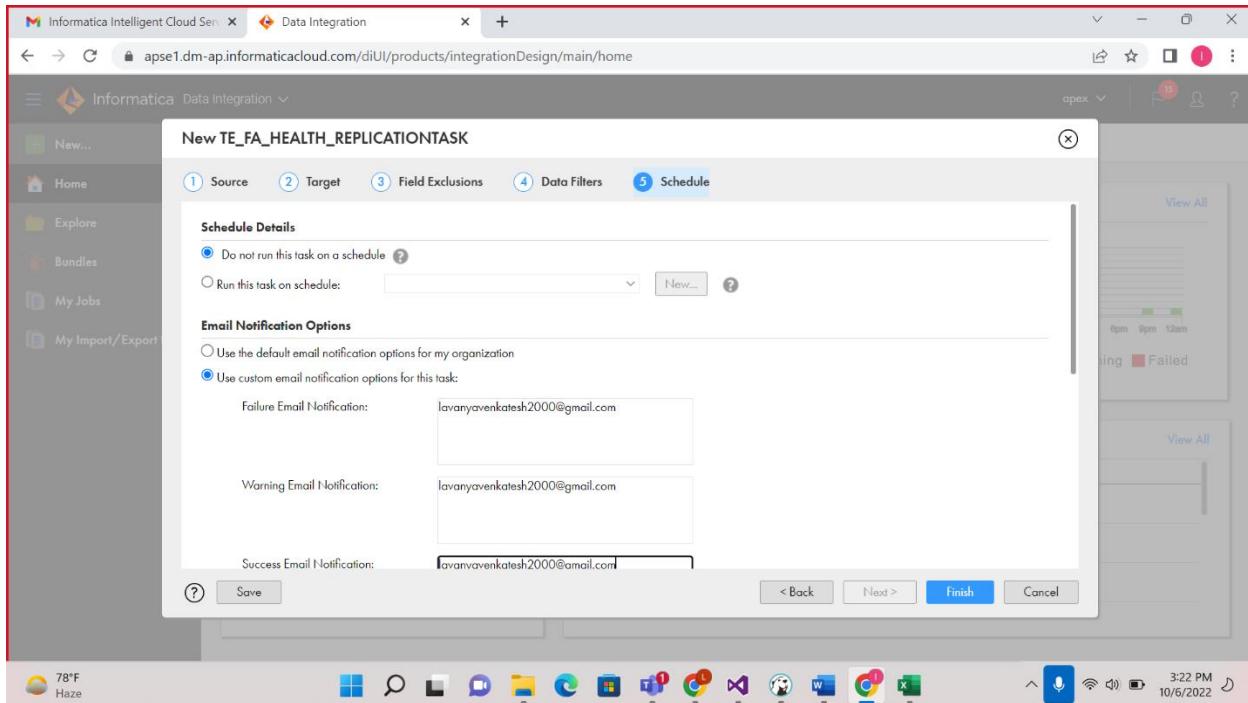
STEP 9-



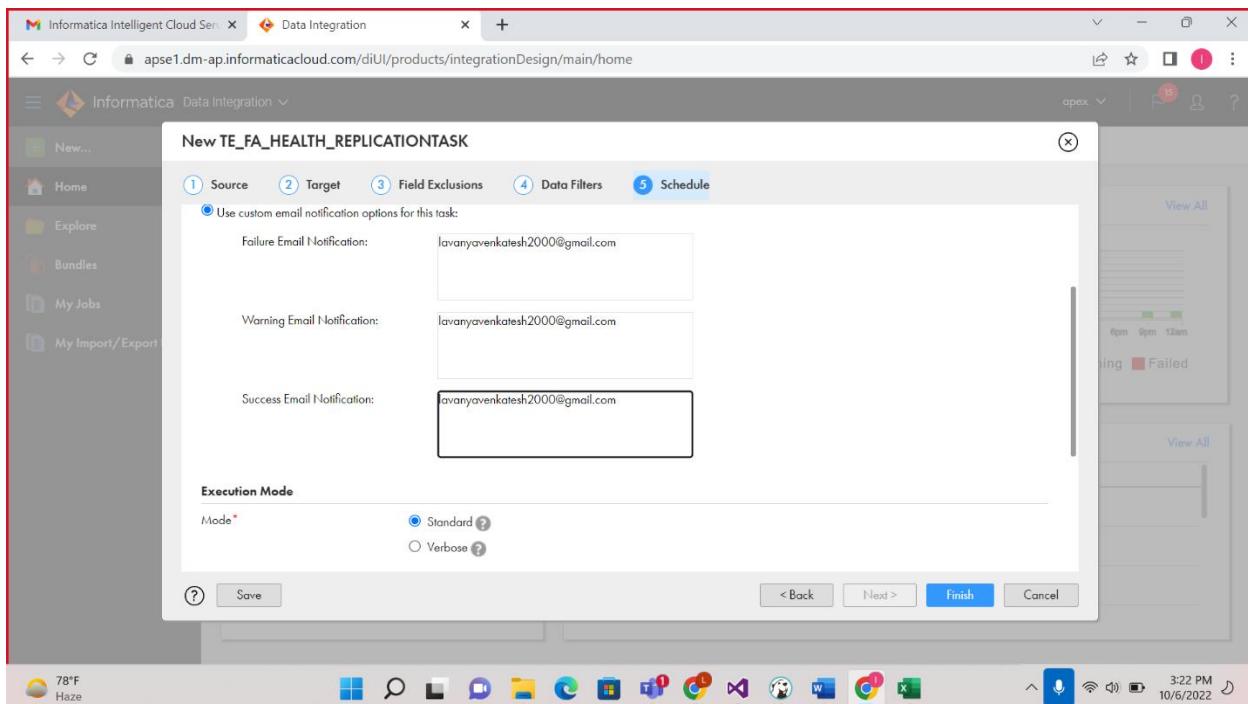
STEP 10-



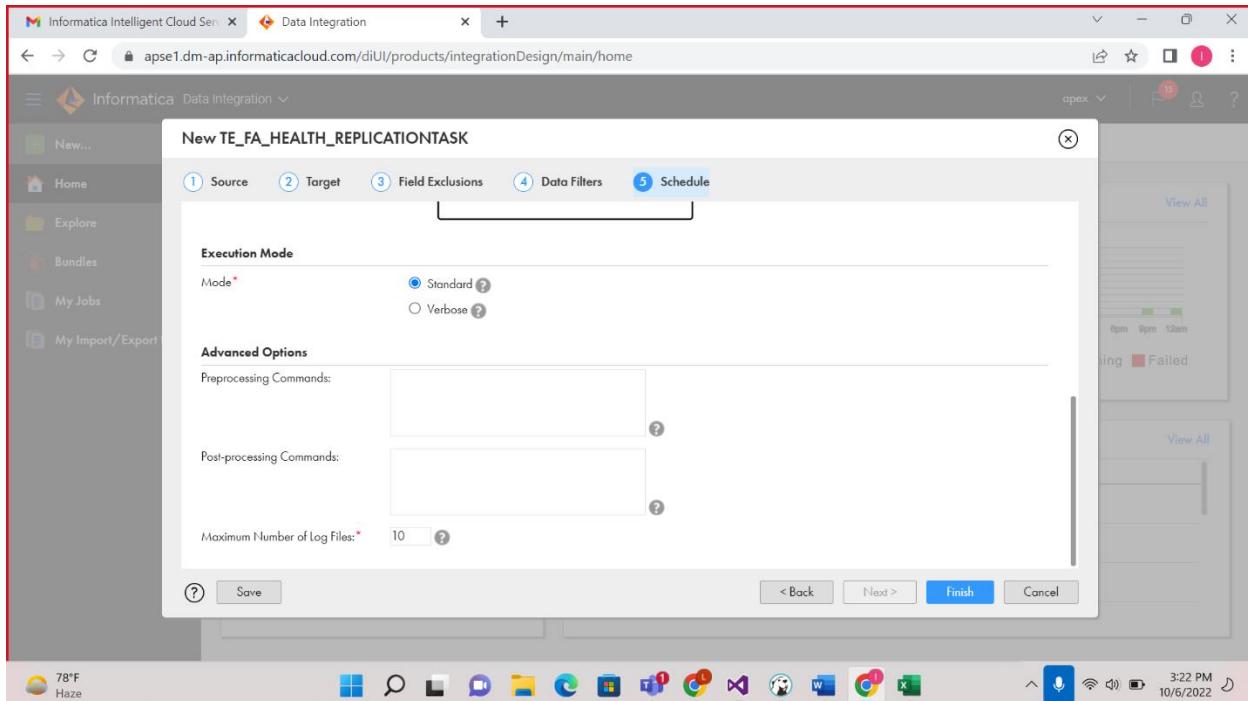
STEP 11-



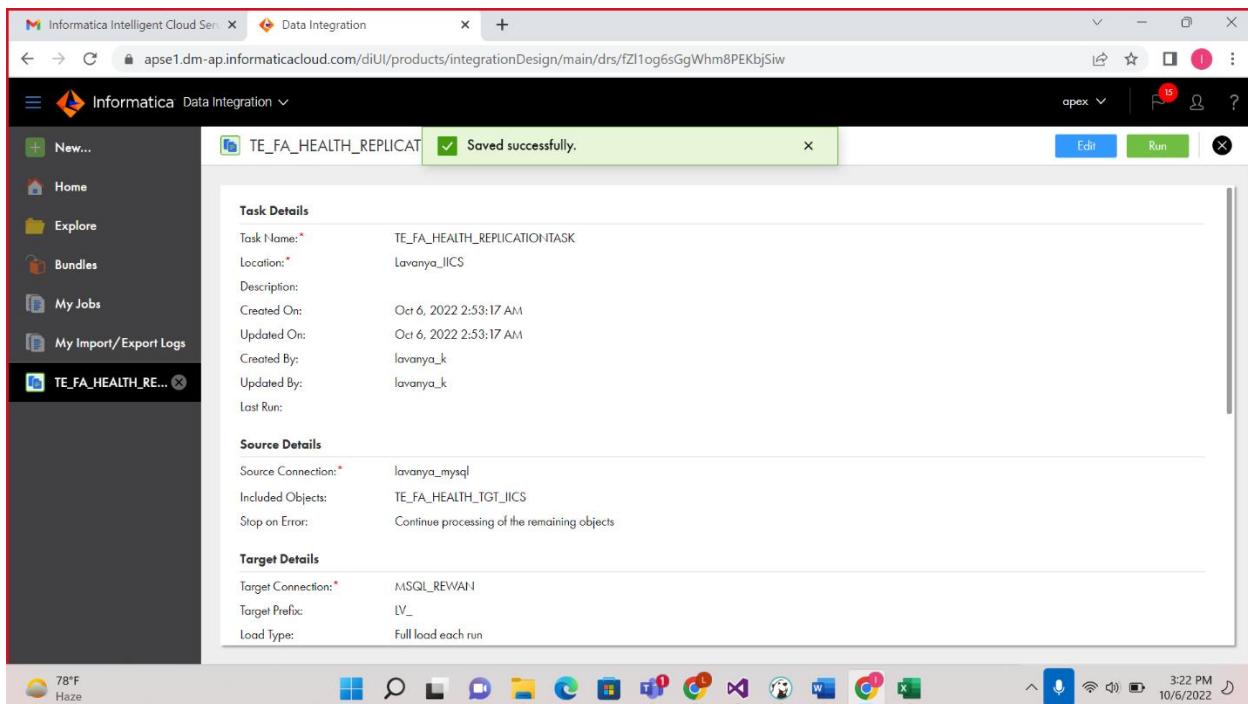
STEP 12-



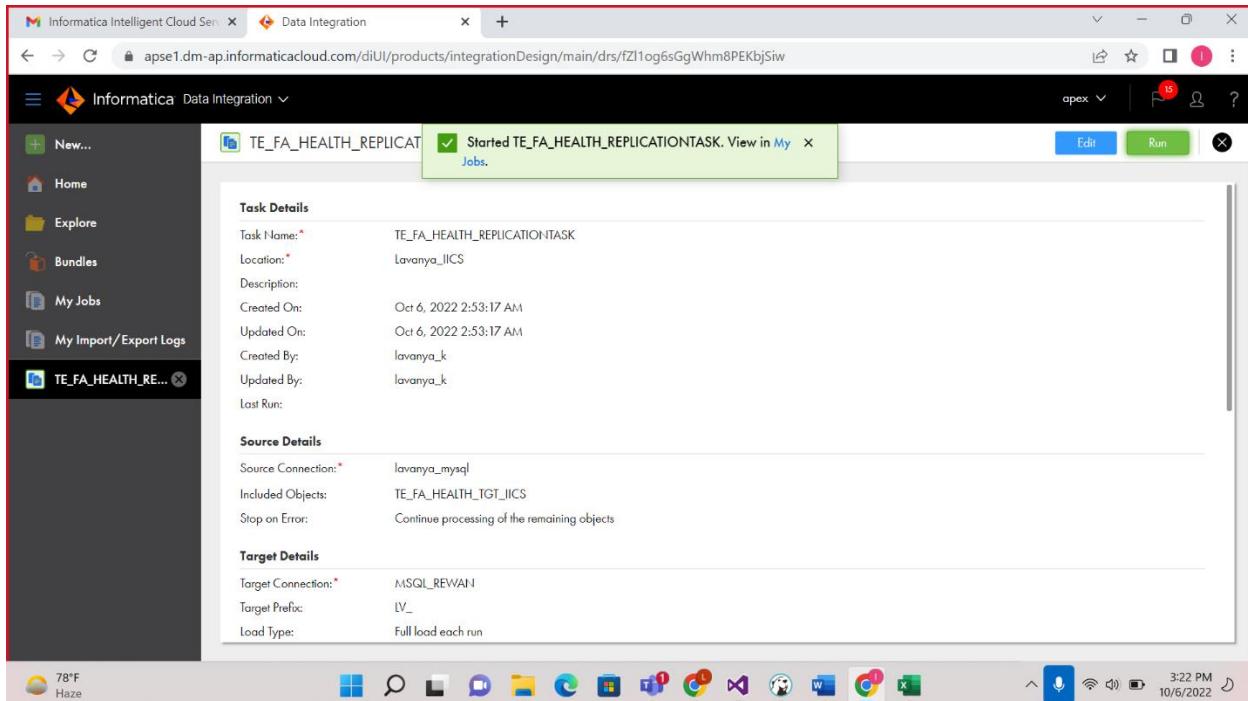
STEP 13-



STEP 14-



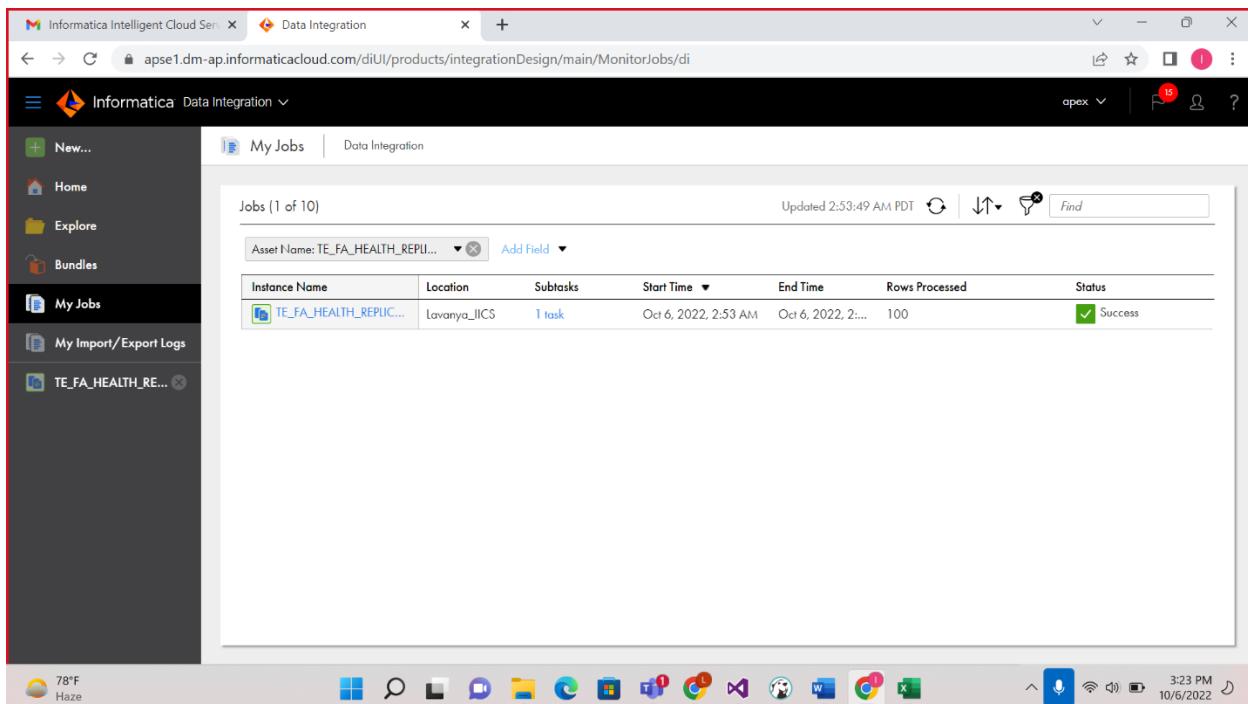
STEP 15-



The screenshot shows the Informatica Data Integration interface. A green message bar at the top right indicates that the task has started successfully: "Started TE_FA_HEALTH_REPLICATIONTASK. View in My Jobs." The main panel displays "Task Details" for the task "TE_FA_HEALTH_REPLICATIONTASK". Key information includes:

- Task Name:** TE_FA_HEALTH_REPLICATIONTASK
- Location:** Lavanya_IICS
- Created On:** Oct 6, 2022 2:53:17 AM
- Updated On:** Oct 6, 2022 2:53:17 AM
- Created By:** lavanya_k
- Updated By:** lavanya_k
- Last Run:** (no data shown)
- Source Details:** Source Connection: lavanya_mysql, Included Objects: TE_FA_HEALTH_TGT_IICS, Stop on Error: Continue processing of the remaining objects.
- Target Details:** Target Connection: MSQI_REWAN, Target Prefix: LV_, Load Type: Full load each run.

STEP 16-



The screenshot shows the "My Jobs" page in the Informatica Data Integration interface. It lists one job entry:

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
TE_FA_HEALTH_REPLIC...	Lavanya_IICS	1 task	Oct 6, 2022, 2:53 AM	Oct 6, 2022, 2:...	100	Success

STEP 17-

DBeaver 22.2.0 - <dlithe> database.sql

```

File Edit Navigate Search SQL Editor Database Window Help
Auto Commit Rollback <dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql <lavanya> Script-2
Database Navigator < Projects
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> <dlithe - rewsolutions.database.windows.net:1433
> <lavanya - rewsolutions.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

        EMP_NAME VARCHAR(50),
        EMP_SALARY INT,
        DEPT_ID INT
    )

SELECT * FROM LV_SEQ_SRC

TRUNCATE TABLE LV_SEQ_SRC

--INSERT INTO LV_SEQ_SRC VALUES(1,'ANA',20000,100)
--INSERT INTO LV_SEQ_SRC VALUES(1,'ANA',20000,100)
--INSERT INTO LV_SEQ_SRC VALUES(2,'RAM',30000,101)
--INSERT INTO LV_SEQ_SRC VALUES(2,'RAM',30000,101)
--INSERT INTO LV_SEQ_SRC VALUES(3,'TINA',40000,102)

---OLE DB DESTINATION---
CREATE TABLE LV_SEQ_TGT
(
    EMP_ID INT,
    EMP_NAME VARCHAR(50),
    EMP_SALARY INT,
    DEPT_ID INT
)

SELECT * FROM LV_SEQ_TGT

---EXECUTE SQL---
TRUNCATE TABLE LV_EM
SELECT * FROM LV_EM

-----IICS REPLICATION TASK-----
SELECT * FROM LV_TE_FA_HEALTH_TGT_IICS

Results 1
IST en Writable | Smart Insert | 1182 : 38 : 24528 | Sel: 0 | 0 | 4:25 PM 10/6/2022

```

RESULT:

DBeaver 22.2.0 - <dlithe> database.sql

```

File Edit Navigate Search SQL Editor Database Window Help
Auto Commit Rollback <dlithe> database.sql <oracle-88094-0.cloudclusters.net> Script-1 <lavanya> Referential integrity.sql <lavanya> Script-2
Database Navigator < Projects
Enter a part of object name here
> DBeaver Sample Database (SQLite)
> <dlithe - rewsolutions.database.windows.net:1433
> <lavanya - rewsolutions.database.windows.net:1433
> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

Results 1
SELECT * FROM LV_TE_FA_HEALTH_TGT Enter a SQL expression to filter results (use Ctrl+Space)
Grid
  PID AGE CATEGORY_NAME SURGERY_CODE DISTRICT_NAME CLAIM_AMOUNT HOSP_NAME
  1 56 NEPHROLOGY M6.5 Srikalum 11,000 Rims Govt. General Hospital
  2 37 NEPHROLOGY M6.5 Srikalum 11,000 Rims Govt. General Hospital
  3 50 NEPHROLOGY M6.5 Srikalum 11,500 Rims Govt. General Hospital
  4 45 NEPHROLOGY M6.5 Srikalum 11,000 Rims Govt. General Hospital
  5 54 NEPHROLOGY M6.5 Srikalum 11,000 Rims Govt. General Hospital
  6 35 NEPHROLOGY M6.5 Srikalum 11,000 Rims Govt. General Hospital
  7 52 NEPHROLOGY M6.5 Kurnool 11,000 Govt General Hospital Kurno
  8 73 NEPHROLOGY M6.5 Vizianagaram 5,000 Queens Nri Hospitals
  9 56 CARDIAC AND CARDIOT S7.1.1.1 Guntur 40,000 Karumuri Hospital
  10 49 CARDIAC AND CARDIOT S7.2.1.1 Guntur 115,846 Karumuri Hospital
  11 52 NEPHROLOGY M6.5 Vishakhapatnam 6,250 Queens Nri Hospitals
  12 12 56 CARDIOLOGY M5.1.2 Guntur 30,000 Karumuri Hospital
  13 13 65 CARDIOLOGY M5.1.5 Guntur 40,000 Karumuri Hospital
  14 14 75 CARDIOLOGY M5.1.5 Guntur 40,000 Karumuri Hospital
  15 15 52 CARDIOLOGY M5.1.5 Guntur 25,000 Karumuri Hospital
  16 16 56 CARDIOLOGY M5.1.2 Guntur 30,000 Karumuri Hospital
  17 17 1 COCHLEAR IMPLANT SU S16.1.1 Guntur 520,000 Ent Nursing Home
  18 18 54 CARDIAC AND CARDIOT S7.2.1.1 Guntur 108,846 Karumuri Hospital
  19 19 48 CARDIAC AND CARDIOT S7.2.1.1 Guntur 110,846 Karumuri Hospital
  20 20 57 CARDIOLOGY M5.1.2 Guntur 30,000 Karumuri Hospital
  21 21 55 NEPHROLOGY M6.5 West Godavari 2,500 Queens Nri Hospitals
  22 22 74 CARDIOLOGY M5.1.2 Srikalum 30,000 KIMS SAI SESHDRI HOSPITAL
  23 23 57 CARDIOLOGY M5.1.2 Guntur 30,000 KIMS SAI SESHDRI HOSPITAL

Project - General
Name DataSource
> Bookmarks
> Diagrams
> Scripts

Record
Save Cancel Script | Duplicate current row | 200 | 100 | Rows: 1 | 100 row(s) fetched - 355ms (4ms fetch), on 2022-10-06 3:25 PM 10/6/2022
IST en Writable | Smart Insert | 1184 : 39 : 24560 | Sel: 0 | 0 | 3:25 PM 10/6/2022

```

DBeaver 22.2.0 - <dlithe> database.sql

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

DBeaver Sample Database (SQLite)

> **dlithe** - rewansolution.database.windows.net:1433

> **lavanya** - rewansolution.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

Grid

Results 1

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

	DISTRICT_NAME	CLAIM_AMOUNT	HOSP_NAME	SURGERY_DATE	DISCHARGE_DATE
1	Srikakulam	11,000	Rims Govt. General Hospital, Srikakulam	2013-08-06 00:00:00.000	2013-09-07 00:00:00.000
2	Srikakulam	11,000	Rims Govt. General Hospital, Srikakulam	2013-08-08 00:00:00.000	2013-09-09 00:00:00.000
3	Srikakulam	11,500	Rims Govt. General Hospital, Srikakulam	2013-08-15 00:00:00.000	2013-10-18 00:00:00.000
4	Srikakulam	11,000	Rims Govt. General Hospital, Srikakulam	2013-08-24 00:00:00.000	2013-09-27 00:00:00.000
5	Srikakulam	11,000	Rims Govt. General Hospital, Srikakulam	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000
6	Srikakulam	11,000	Rims Govt. General Hospital, Srikakulam	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000
7	Kurnool	11,000	Govt General Hospital Kurnool	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000
8	Vizianagaram	5,000	Queens Nri Hospitals	2014-05-05 00:00:00.000	[NULL]
9	Guntur	40,000	Karumuri Hospital	2014-06-14 00:00:00.000	2014-06-16 00:00:00.000
10	Guntur	115,846	Karumuri Hospital	2014-06-17 00:00:00.000	2014-06-25 00:00:00.000
11	Vishakhapatnam	6,250	Queens Nri Hospitals	2014-06-27 00:00:00.000	[NULL]
12	Guntur	30,000	Karumuri Hospital	2014-07-04 00:00:00.000	2014-07-09 00:00:00.000
13	Guntur	40,000	Karumuri Hospital	2014-07-08 00:00:00.000	2014-07-16 00:00:00.000
14	Guntur	40,000	Karumuri Hospital	2014-07-10 00:00:00.000	2014-07-19 00:00:00.000
15	Guntur	25,000	Karumuri Hospital	2014-07-13 00:00:00.000	2014-07-19 00:00:00.000
16	Guntur	30,000	Karumuri Hospital	2014-07-15 00:00:00.000	2014-07-21 00:00:00.000
17	Guntur	520,000	Ent Nursing Home	2017-08-16 00:00:00.000	2017-08-17 00:00:00.000
18	Guntur	108,846	Karumuri Hospital	2014-07-29 00:00:00.000	2014-08-08 00:00:00.000
19	Guntur	110,846	Karumuri Hospital	2014-07-28 00:00:00.000	2014-08-06 00:00:00.000
20	Guntur	30,000	Karumuri Hospital	2014-07-27 00:00:00.000	2014-08-02 00:00:00.000
21	West Godavari	2,500	Queens Nri Hospitals	2014-08-05 00:00:00.000	2014-12-19 00:00:00.000
22	Srikakulam	30,000	KIMS SAI SESHDRI HOSPITAL	2014-08-01 00:00:00.000	2014-08-05 00:00:00.000

Project - General

Name DataSource

Record

Save Cancel Script | IST en Writable | Smart Insert | 1184 : 39 : 24560 | Sel: 0 | 0 | 100 | 200 | 100 | Rows: 1 | 100 row(s) fetched - 355ms (4ms fetch), on 2022-10-06 10:22:45 | 3:25 PM | 10/6/2022

DBeaver 22.2.0 - <dlithe> database.sql

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

DBeaver Sample Database (SQLite)

> **dlithe** - rewansolution.database.windows.net:1433

> **lavanya** - rewansolution.database.windows.net:1433

> oracle-88094-0.cloudclusters.net - oracle-88094-0.cloudclusters.net

Grid

Results 1

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

	PID	AGE	CATEGORY_NAME	SURGERY_CODE	DISTRICT_NAME	CLAIM_AMOUNT	HOSP_NAME
80	80	46	CARDIOLOGY	M5.1.2	Guntur	30,000	Karumuri Hospital
81	81	60	CARDIAC AND CARDIOT S7.2.1.1		Guntur	115,846	Karumuri Hospital
82	82	1	COCHLEAR IMPLANT SU	S16.1.1	Vishakhapatnam	500,000	Govt Ent Hospital - Koti
83	83	31	CARDIAC AND CARDIOT S7.1.3		Guntur	64,110	Karumuri Hospital
84	84	42	CARDIAC AND CARDIOT S7.2.1.1		Guntur	110,846	Karumuri Hospital
85	85	40	GYNAEKOLOGY AND OB	S4.2.1	Prakasam	24,000	Area Hospital - Cheerala
86	86	57	CARDIAC AND CARDIOT S7.2.1.1		Guntur	115,846	Karumuri Hospital
87	87	46	NEPHROLOGY	M6.5	Vishakhapatnam	6,250	Queens Nri Hospitals
88	88	58	NEPHROLOGY	M6.5	Nellore	6,000	ABHIRAM INSTITUTE OF ME
89	89	35	NEPHROLOGY	M6.4	Srikakulam	30,870	MyCure Hospitals&Unit of S
90	90	45	CARDIAC AND CARDIOT S7.2.10.1		Guntur	136,200	Karumuri Hospital
91	91	1	COCHLEAR IMPLANT SU	S16.1.1	Prakasam	520,000	Apollo Hospitals Enterprises
92	92	60	NEPHROLOGY	M6.5	Guntur	8,750	Aswin Hospital
93	93	56	RADIATION ONCOLOGY	S13.2.1	Nellore	34,500	BASAVATARAKAM INDO A
94	94	72	ORTHOPEDIC SURGERY	S5.4.6	Guntur	30,000	SAILAJA MULTISPECIALITY H
95	95	59	NEPHROLOGY	M6.5	Nellore	2,500	ABHIRAM INSTITUTE OF ME
96	96	38	NEPHROLOGY	M6.5	Vizianagaram	1,250	Queens Nri Hospitals
97	97	57	NEPHROLOGY	M6.5	Nellore	2,600	ABHIRAM INSTITUTE OF ME
98	98	75	NEPHROLOGY	M6.5	Krishna	10,000	Andhra Health Diagnostic Se
99	99	59	NEPHROLOGY	M6.5	Srikakulam	7,500	Queens Nri Hospitals
100	100	60	RADIATION ONCOLOGY	S13.1.3	East Godavari	10,000	Government General Hospit

Project - General

Name DataSource

Record

Save Cancel Script | IST en Writable | Smart Insert | 1184 : 39 : 24560 | Sel: 0 | 0 | 100 | 200 | 100 | Rows: 1 | 100 row(s) fetched - 355ms (4ms fetch), on 2022-10-06 10:22:45 | 3:26 PM | 10/6/2022