Module 4 IICS

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

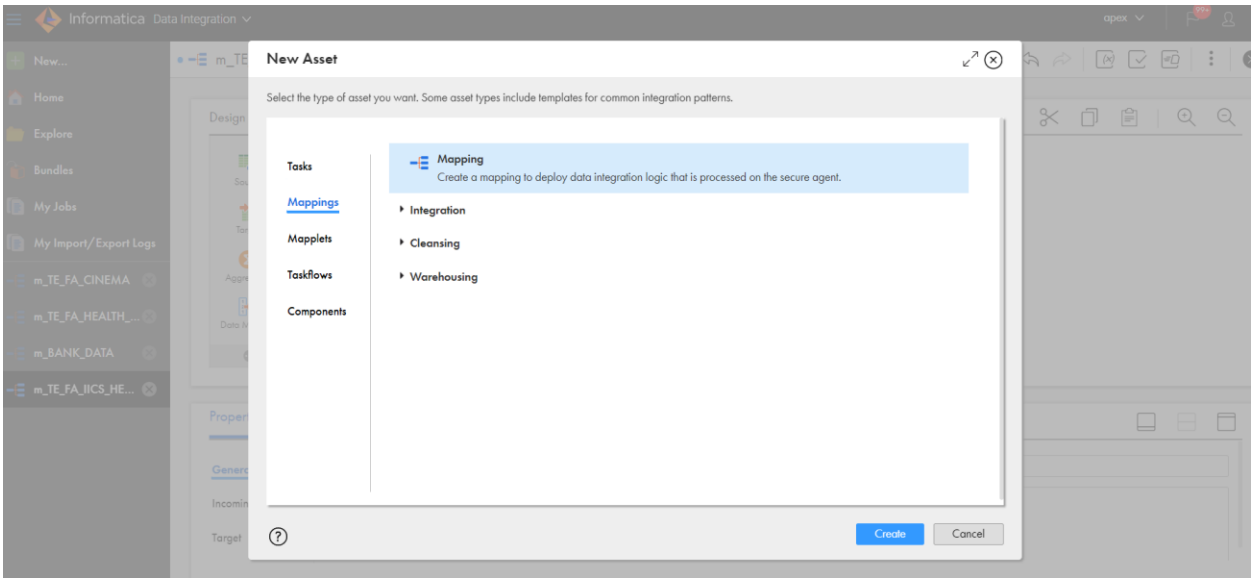
5. Perform SCD 1 & SCD2 dimension table modelling

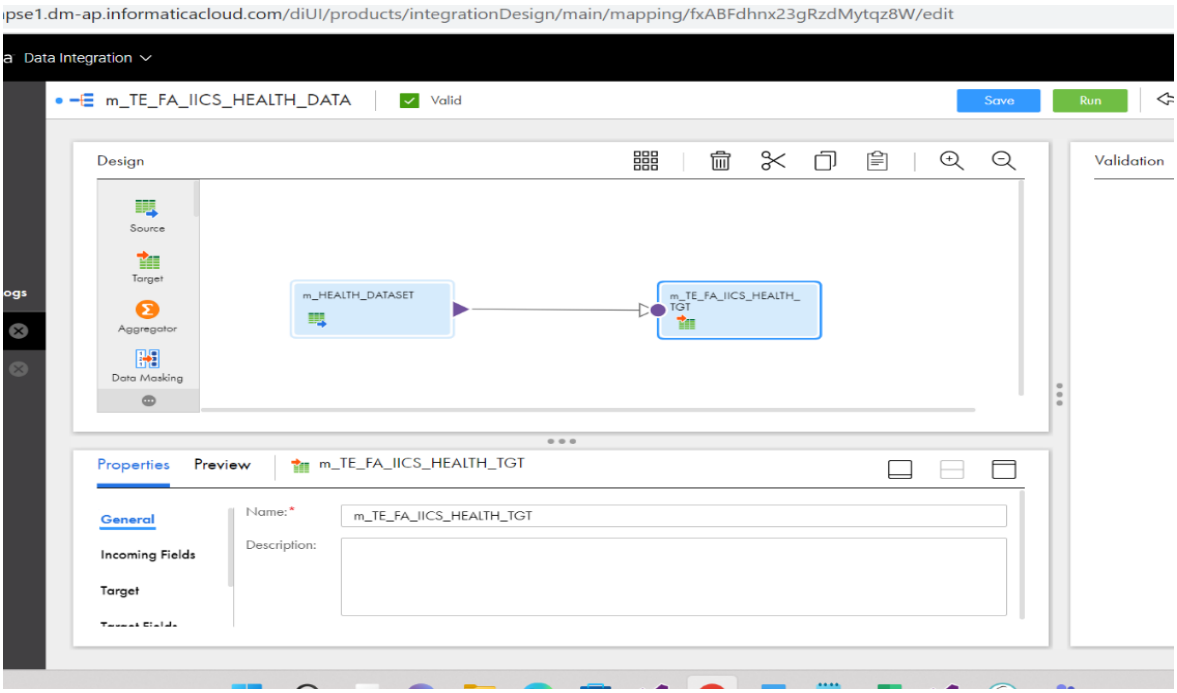
6. Create aggregate table based on the particular column(ex: Country code). Refer to the different data source from target system

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

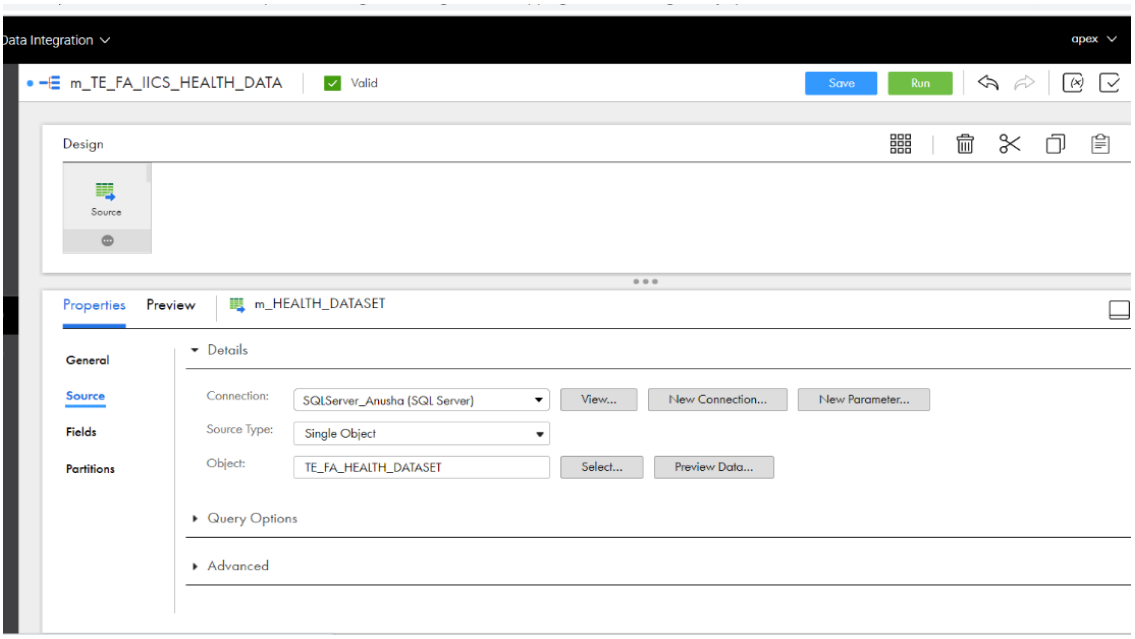
Extracting data from one source database table to another table

1) Create new mapping and rename mapping

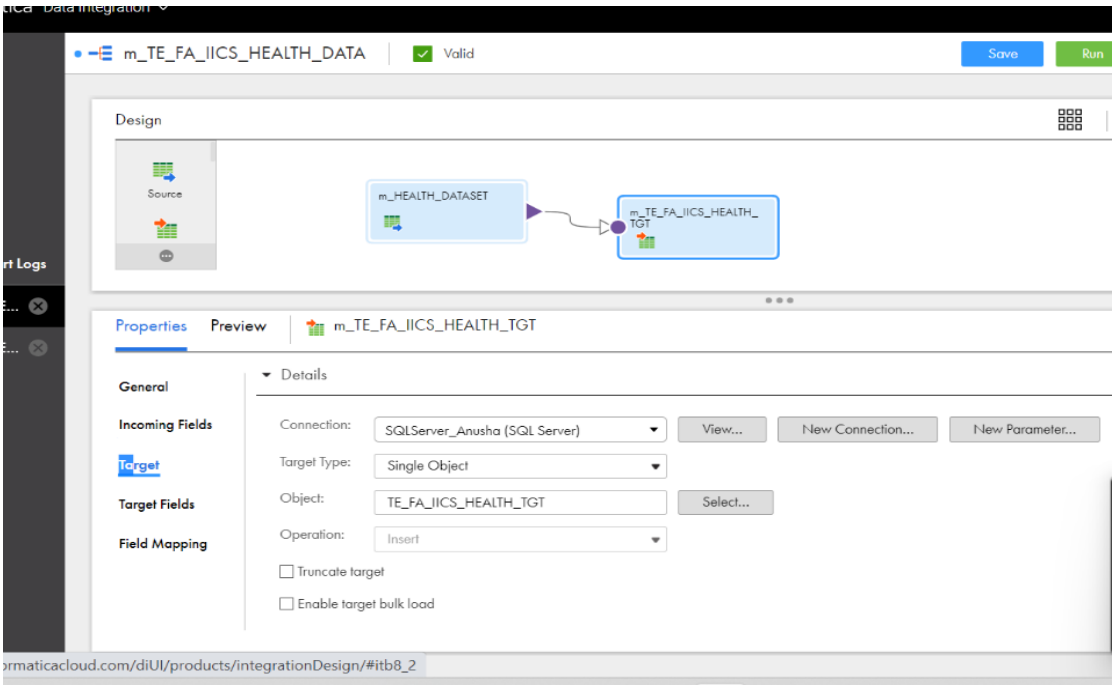




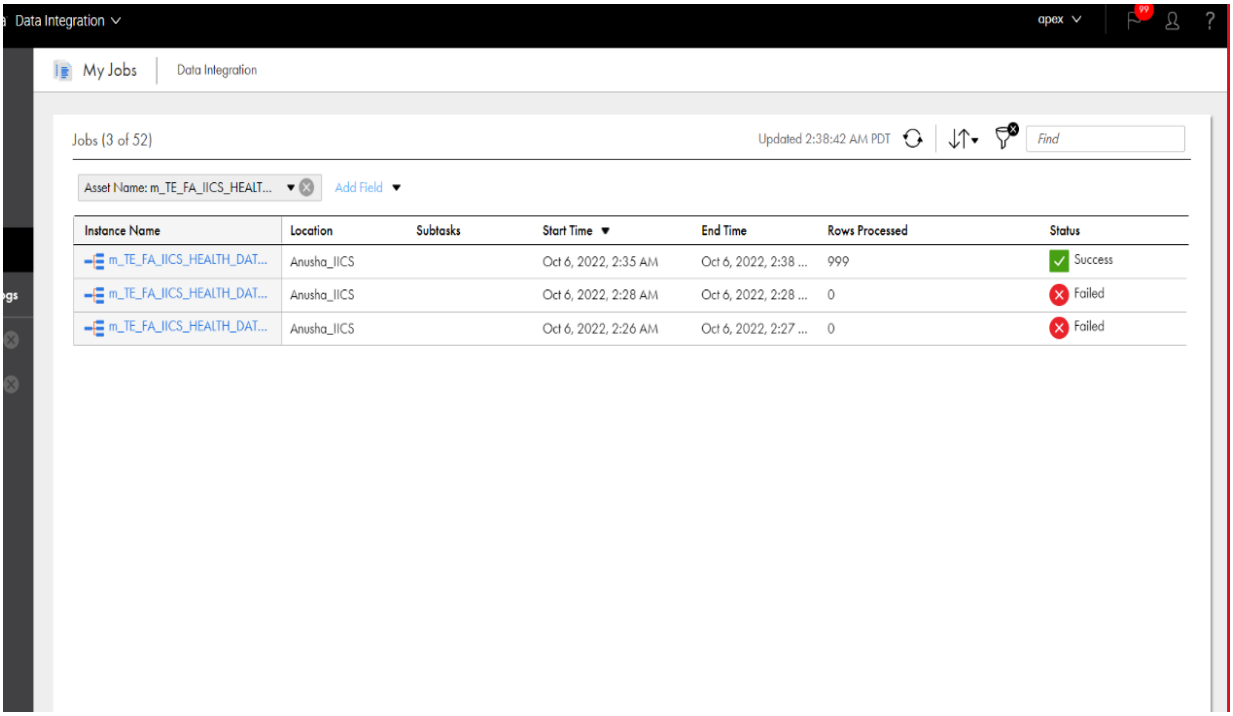
2) Select source connection and select table

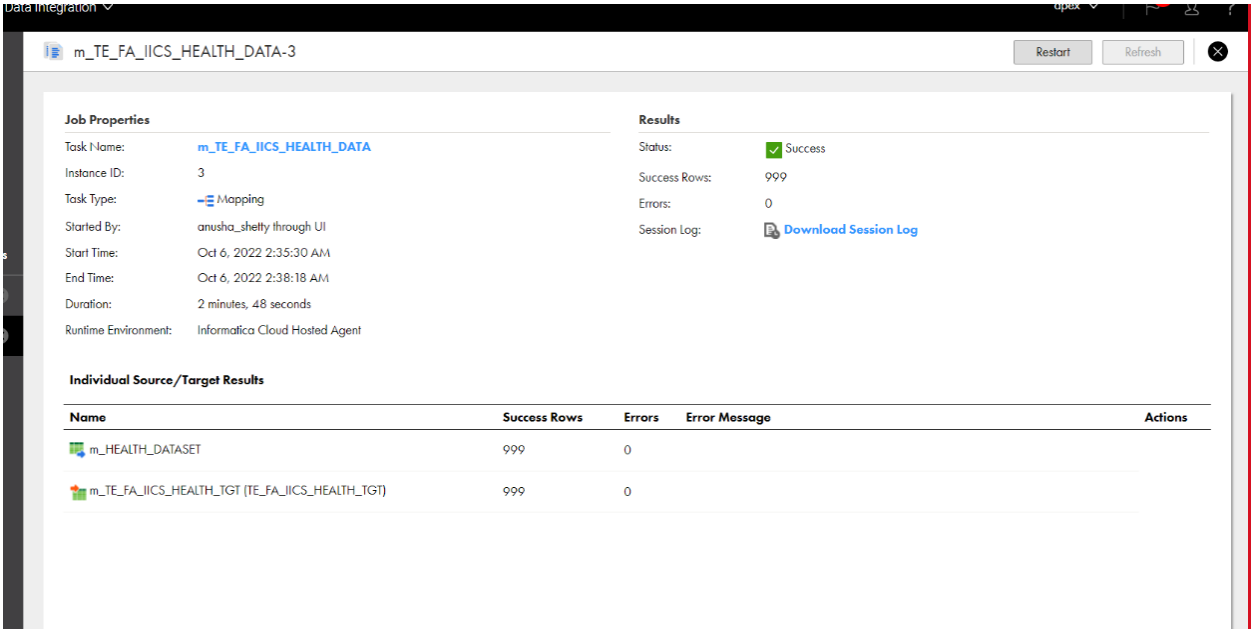


3) Select target connection and select the table



4) Save and run task





5) Destination table

```
SELECT * FROM TE_FA_IICS_HEALTH_TGT
```

Results 4 | Results 2 | Results 3 | Statistics 4 | Results 5 | Results 6 | Results 7 | Statistics 8 | Results 10

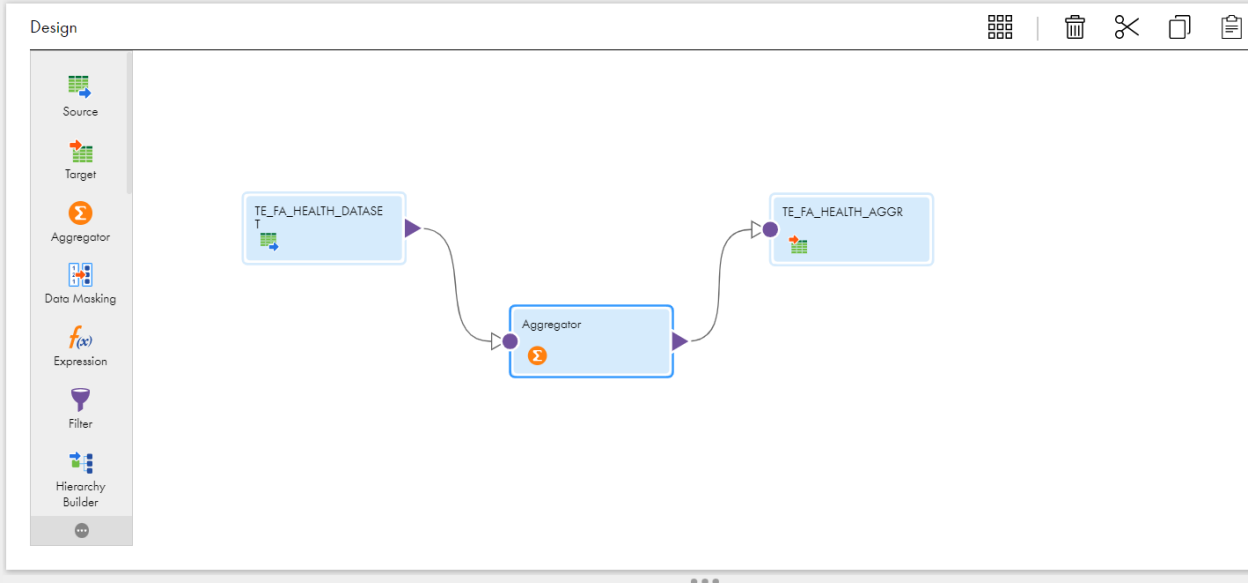
SELECT * FROM TE_FA_IICS_HEALTH_TGT — Enter a SQL expression to filter results (use Ctrl+Space)

	PID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_DATE	DISCHARGE_DATE	VILLAGE	MANDA
1	1	56	Female	OBC	M111	NEPHROLOGY	2013-08-06 00:00:00.000	2013-09-07 00:00:00.000	Lolugu	Ponduru
2	2	37	Male	BC	M111	NEPHROLOGY	2013-08-08 00:00:00.000	2013-09-09 00:00:00.000	Borivanka	Kaviti
3	3	50	Male	BC	M111	NEPHROLOGY	2013-08-15 00:00:00.000	2013-10-18 00:00:00.000	Kapasakuddi	Kaviti
4	4	45	Male	BC	M111	NEPHROLOGY	2013-08-24 00:00:00.000	2013-09-27 00:00:00.000	Telikipenta	Sarubujjili
5	5	54	Male	BC	M111	NEPHROLOGY	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	Thandemvalas	Srikakular
6	6	35	Male	OC	M111	NEPHROLOGY	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	Phasigangupe	Pathapatr
7	7	52	Male	OC	M111	NEPHROLOGY	2013-08-31 00:00:00.000	2013-10-02 00:00:00.000	Kranti Nagar	Nandyal
8	8	73	Male	BC	M111	NEPHROLOGY	2014-05-05 00:00:00.000	[NULL]	Bhoghapuram	Bhoghapu
9	9	56	Male	OC	S7	CARDIAC AND CARDIOT	2014-06-14 00:00:00.000	2014-06-16 00:00:00.000	Vallur	Kakumanu
10	10	49	Male	OC	S7	CARDIAC AND CARDIOT	2014-06-17 00:00:00.000	2014-06-25 00:00:00.000	Ward-15	Guntur(C)
11	11	52	Male	BC	M111	NEPHROLOGY	2014-06-27 00:00:00.000	[NULL]	Rajam	Butchayya
12	12	56	Male	SC	M5	CARDIOLOGY	2014-07-04 00:00:00.000	2014-07-09 00:00:00.000	Thurlapadu	Edlapadu
13	13	65	Female	SC	M5	CARDIOLOGY	2014-07-08 00:00:00.000	2014-07-16 00:00:00.000	Pulipadu	Gurazala
14	14	75	Male	OC	M5	CARDIOLOGY	2014-07-10 00:00:00.000	2014-07-19 00:00:00.000	Karlapalem	Karlapaler
15	15	52	Male	OC	M5	CARDIOLOGY	2014-07-13 00:00:00.000	2014-07-19 00:00:00.000	Ward-19	Guntur(C)
16	16	56	Male	Minorities	M5	CARDIOLOGY	2014-07-15 00:00:00.000	2014-07-21 00:00:00.000	Tullur	Thullur
17	17	1	Male(Child)	OC	S16	COCHLEAR IMPLANT SU	2017-08-16 00:00:00.000	2017-08-17 00:00:00.000	Phirangipuram	Phirangip
18	18	54	Female	SC	S7	CARDIAC AND CARDIOT	2014-07-29 00:00:00.000	2014-08-08 00:00:00.000	Kolakalur	Tenali
19	19	48	Male	OC	S7	CARDIAC AND CARDIOT	2014-07-28 00:00:00.000	2014-08-06 00:00:00.000	Vellalur	Ponnur

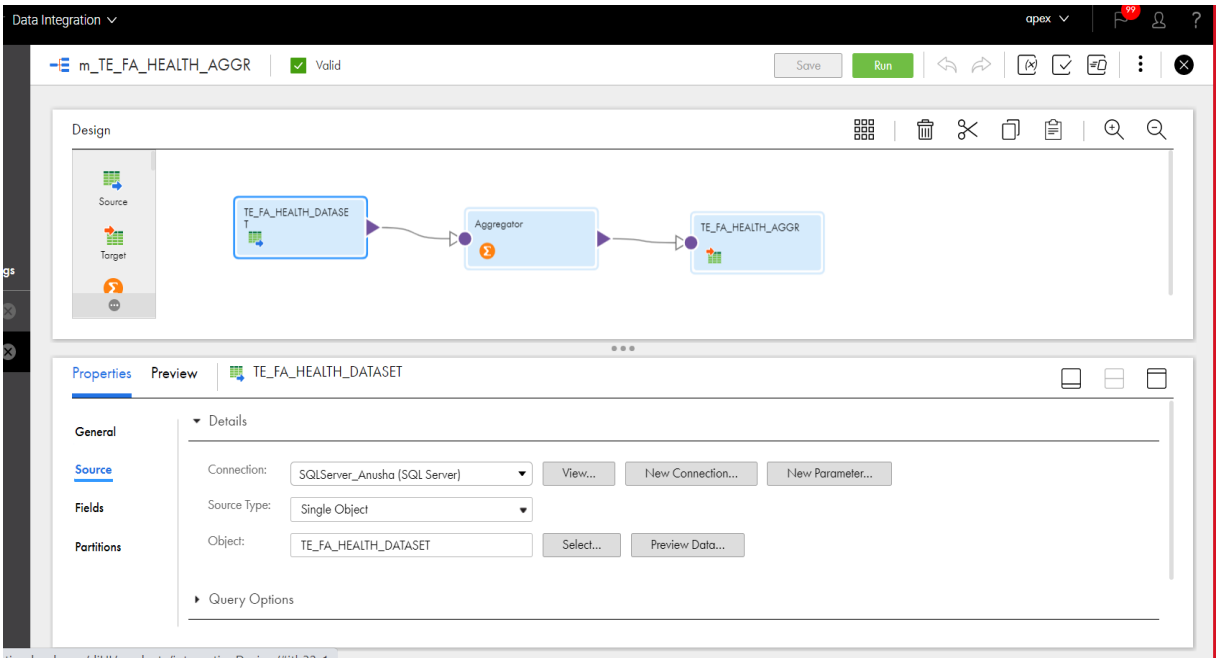
Aggregate function in IICS

1) Create new mapping and rename the mapping

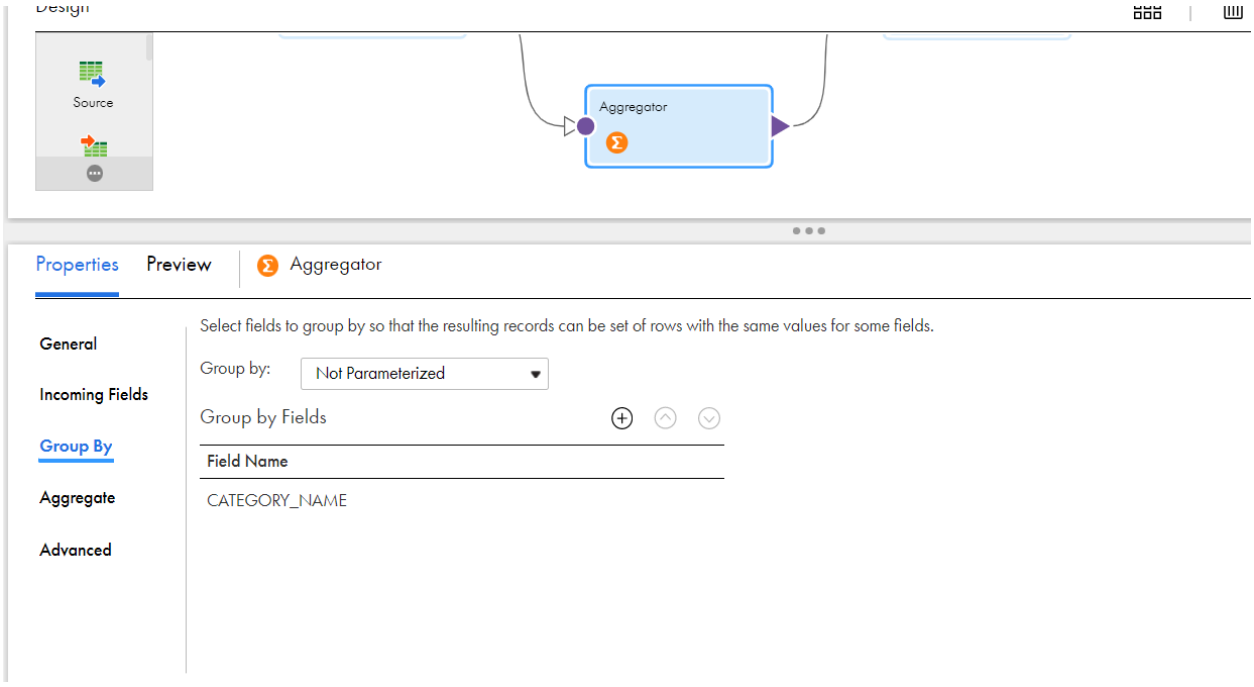
2) Select aggregator and connect to source and target

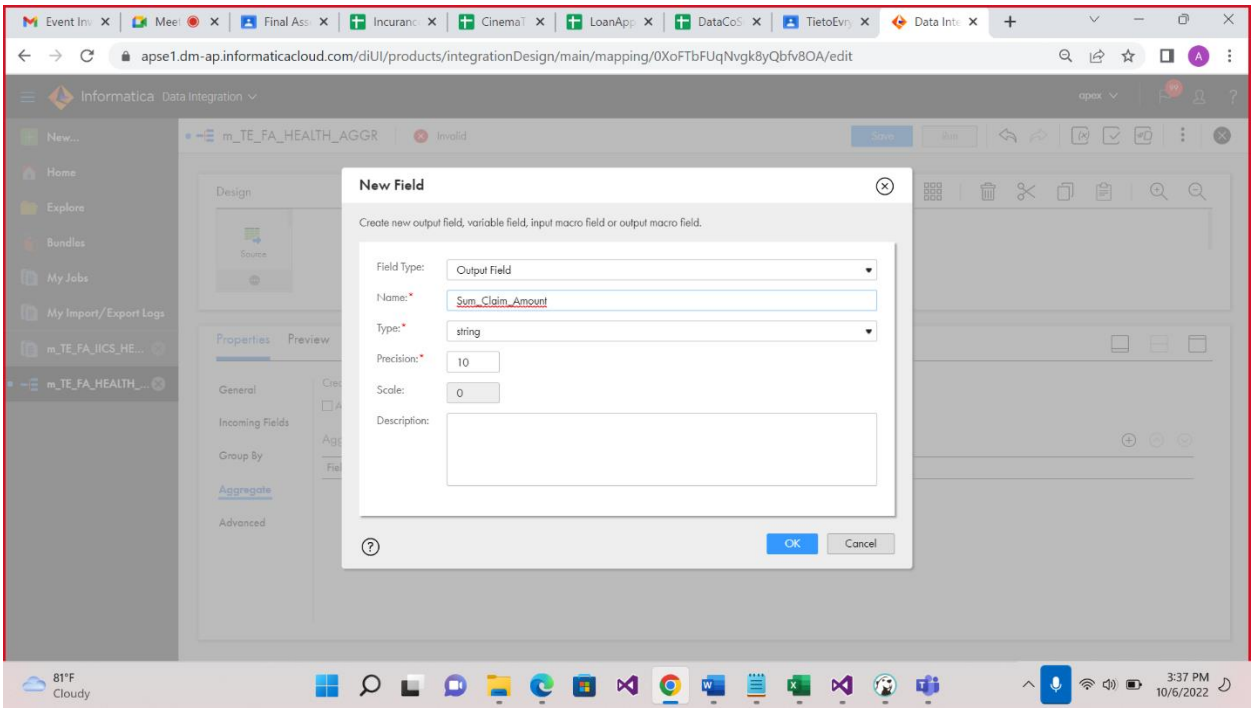


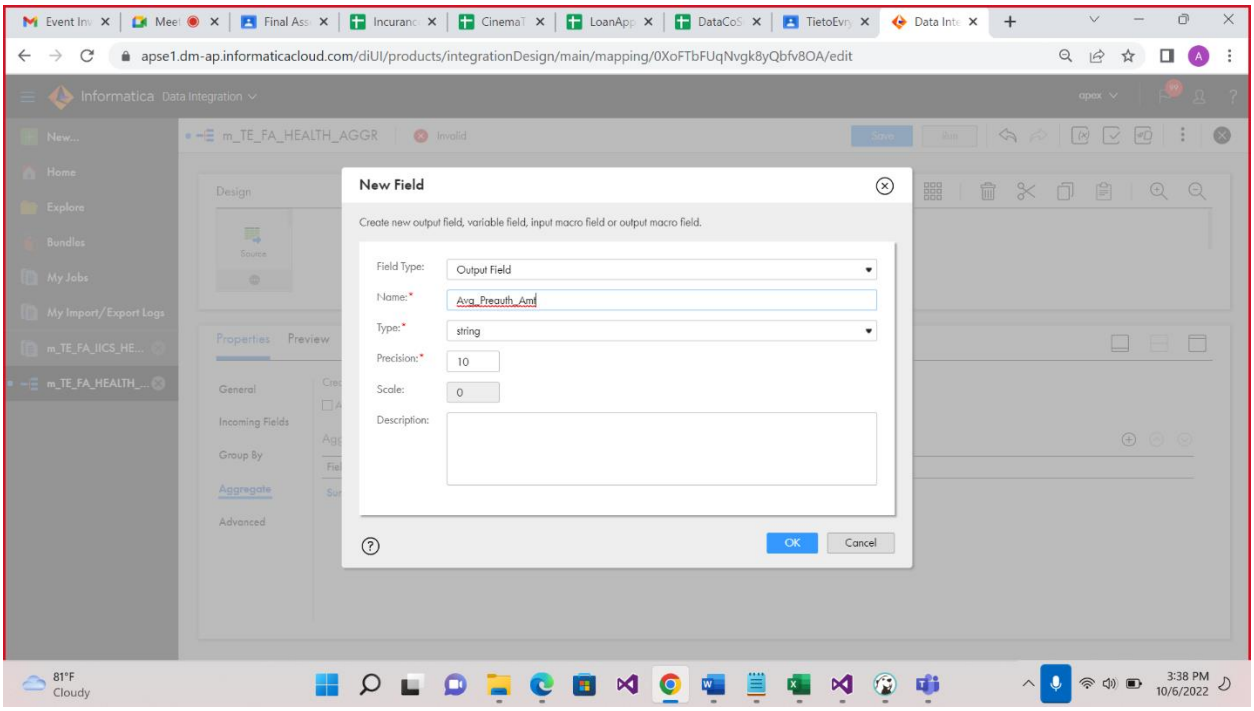
3) Select source



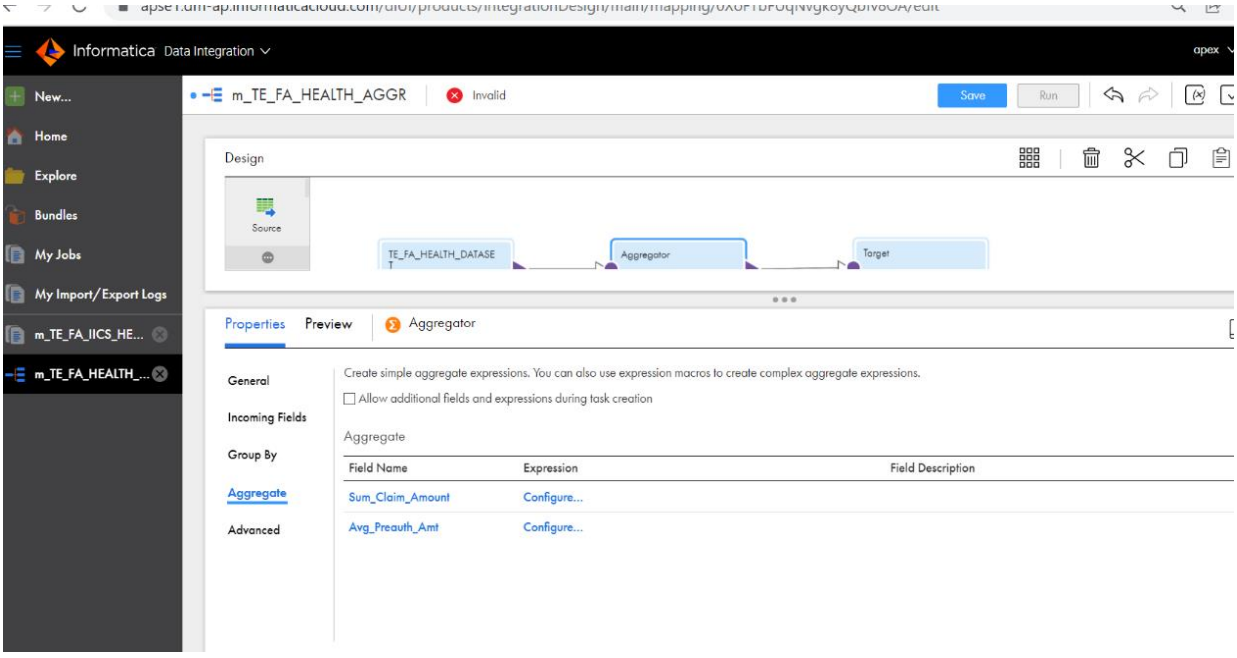
4) Select aggregate columns and group by column

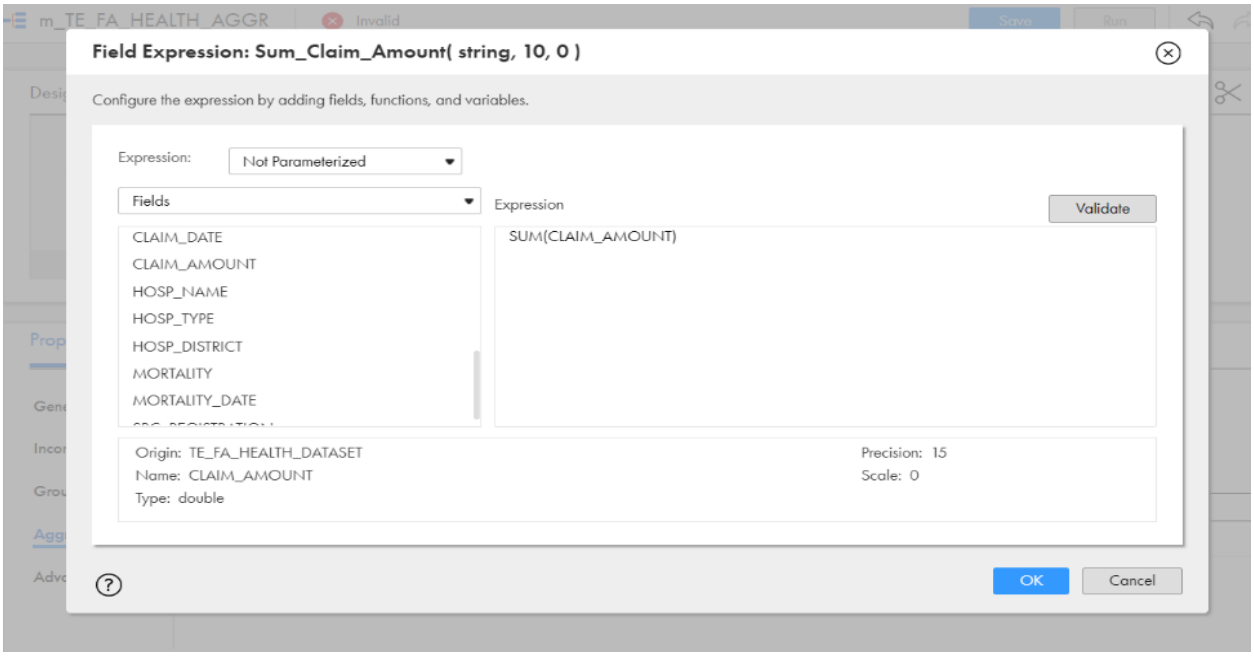


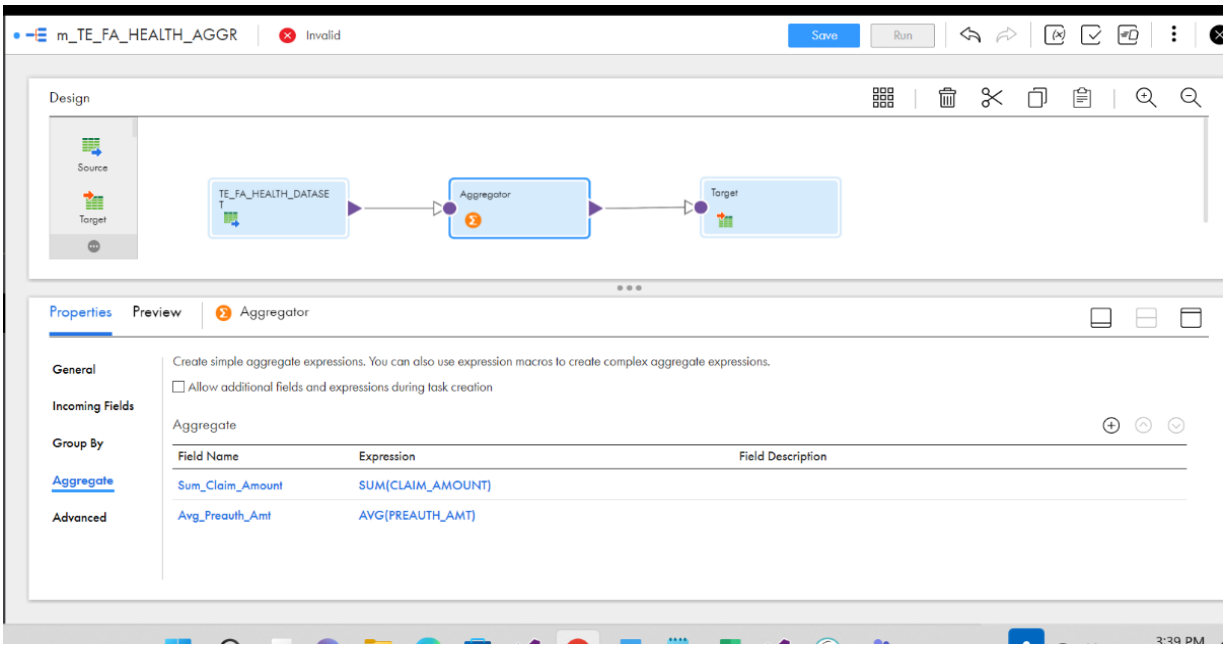




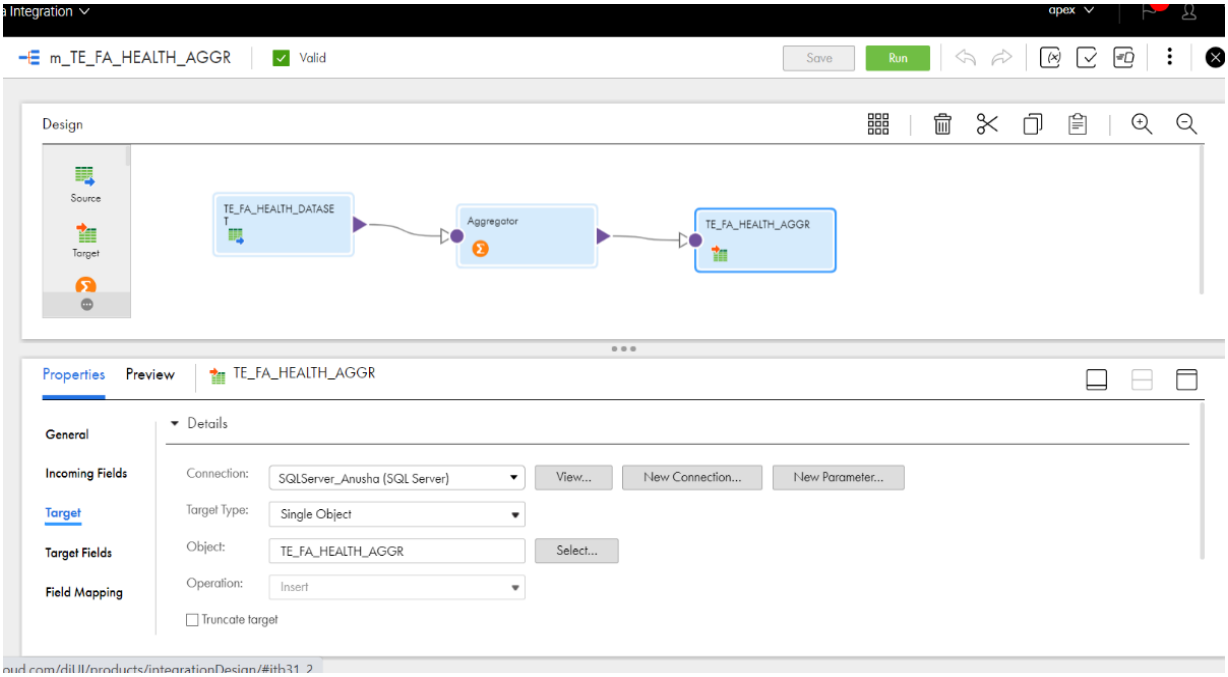
5) Configure new columns



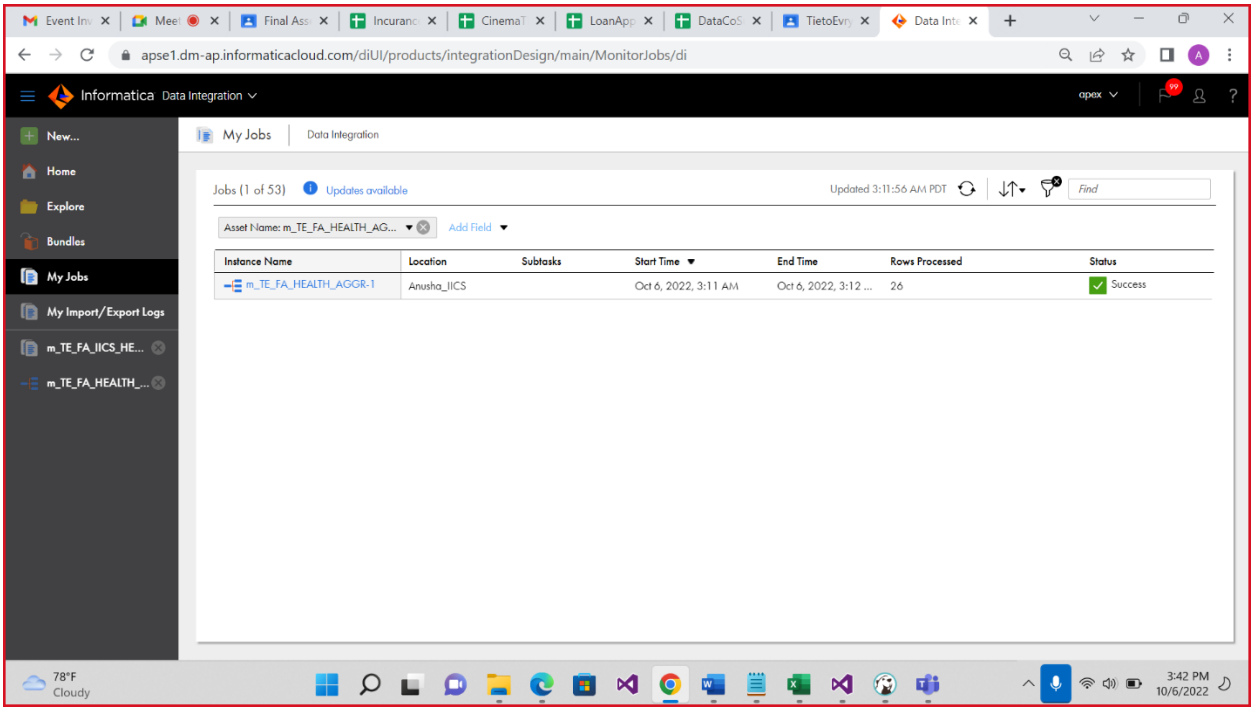

m_TE_FA_HEALTH_AGGR
Invalid
Save
Run
Field Expression: Sum_Claim_Amount(string, 10, 0)
Configure the expression by adding fields, functions, and variables.
Expression:
Not Parameterized
Fields
Expression
Validate
CLAIM_DATE
CLAIM_AMOUNT
HOSP_NAME
HOSP_TYPE
HOSP_DISTRICT
MORTALITY
MORTALITY_DATE
SUM(CLAIM_AMOUNT)
Origin: TE_FA_HEALTH_DATASET
Name: CLAIM_AMOUNT
Type: double
Precision: 15
Scale: 0
OK
Cancel


m_TE_FA_HEALTH_AGGR
Invalid
Save
Run
Design
Source
Target
TE_FA_HEALTH_DATASET
Aggregator
Target
Properties
Preview
Aggregator
General
Incoming Fields
Group By
Aggregate
Advanced
Create simple aggregate expressions. You can also use expression macros to create complex aggregate expressions.
Allow additional fields and expressions during task creation
Aggregate
Field Name
Expression
Field Description
Sum_Claim_Amount
SUM(CLAIM_AMOUNT)
Avg_Preauth_Amt
AVG(PREAUTH_AMT)

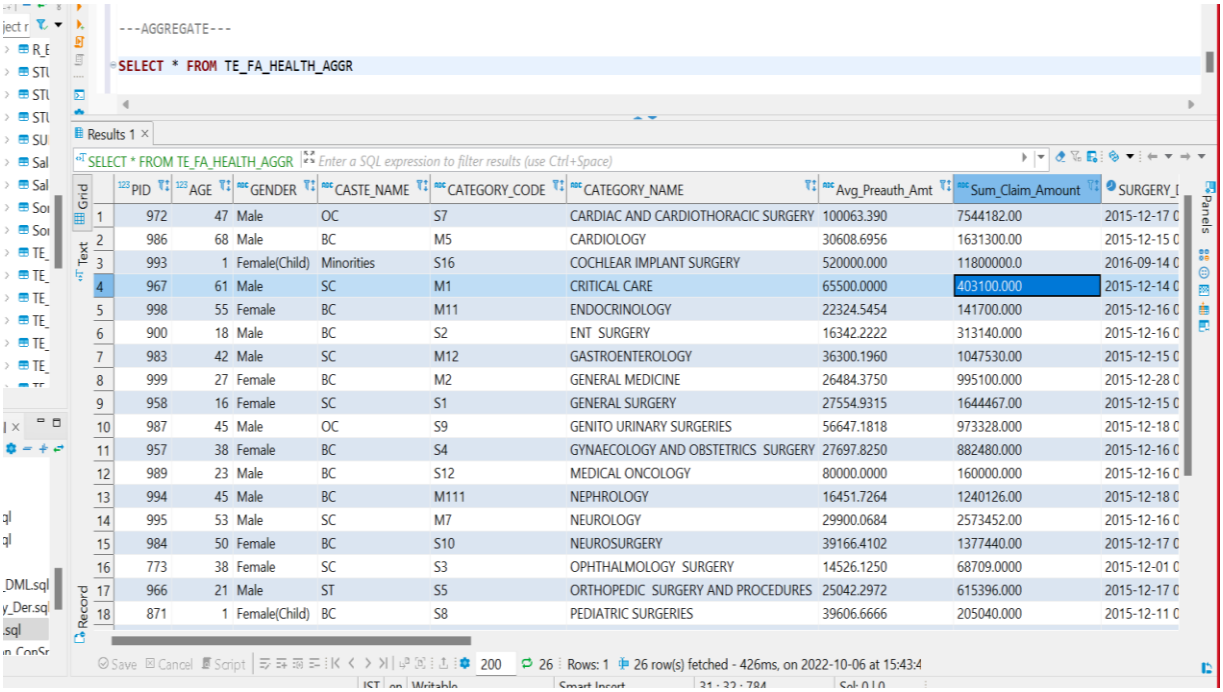
5) Select Target table



6) Save and run mapping



7) Destination table



```
---AGGREGATE---
SELECT * FROM TE_FA_HEALTH_AGGR
```

Results 1

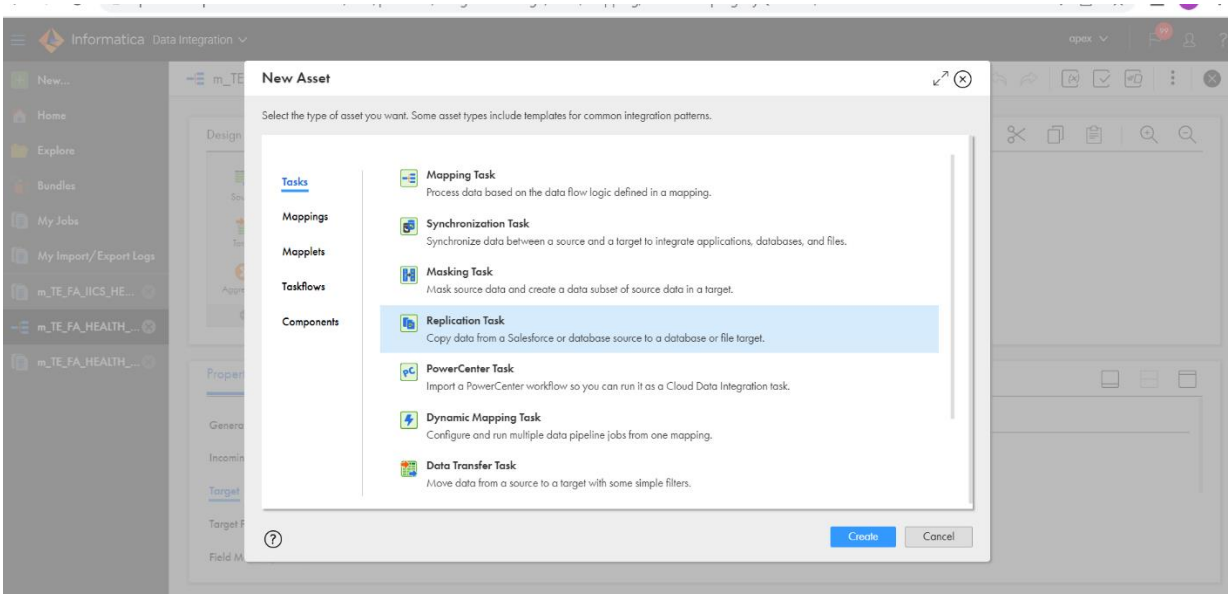
SELECT * FROM TE_FA_HEALTH_AGGR

	PID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	Avg_Preauth_Amt	Sum_Claim_Amount	SURGERY_D
1	972	47	Male	OC	S7	CARDIAC AND CARDIOTHORACIC SURGERY	100063.390	7544182.00	2015-12-17 0
2	986	68	Male	BC	M5	CARDIOLOGY	30608.6956	1631300.00	2015-12-15 0
3	993	1	Female(Child)	Minorities	S16	COCHLEAR IMPLANT SURGERY	520000.000	11800000.0	2016-09-14 0
4	967	61	Male	SC	M1	CRITICAL CARE	65500.0000	403100.000	2015-12-14 0
5	998	55	Female	BC	M11	ENDOCRINOLOGY	22324.5454	141700.000	2015-12-16 0
6	900	18	Male	BC	S2	ENT SURGERY	16342.2222	313140.000	2015-12-16 0
7	983	42	Male	SC	M12	GASTROENTEROLOGY	36300.1960	1047530.00	2015-12-15 0
8	999	27	Female	BC	M2	GENERAL MEDICINE	26484.3750	995100.000	2015-12-28 0
9	958	16	Female	SC	S1	GENERAL SURGERY	27554.9315	1644467.00	2015-12-15 0
10	987	45	Male	OC	S9	GENITO URINARY SURGERIES	56647.1818	973328.000	2015-12-18 0
11	957	38	Female	BC	S4	GYNAECOLOGY AND OBSTETRICS SURGERY	27697.8250	882480.000	2015-12-16 0
12	989	23	Male	BC	S12	MEDICAL ONCOLOGY	80000.0000	160000.000	2015-12-16 0
13	994	45	Male	BC	M111	NEPHROLOGY	16451.7264	1240126.00	2015-12-18 0
14	995	53	Male	SC	M7	NEUROLOGY	29900.0684	2573452.00	2015-12-16 0
15	984	50	Female	BC	S10	NEUROSURGERY	39166.4102	1377440.00	2015-12-17 0
16	773	38	Female	SC	S3	OPHTHALMOLOGY SURGERY	14526.1250	68709.0000	2015-12-01 0
17	966	21	Male	ST	S5	ORTHOPEDIC SURGERY AND PROCEDURES	25042.2972	615396.000	2015-12-17 0
18	871	1	Female(Child)	BC	S8	PEDIATRIC SURGERIES	39606.6666	205040.000	2015-12-11 0

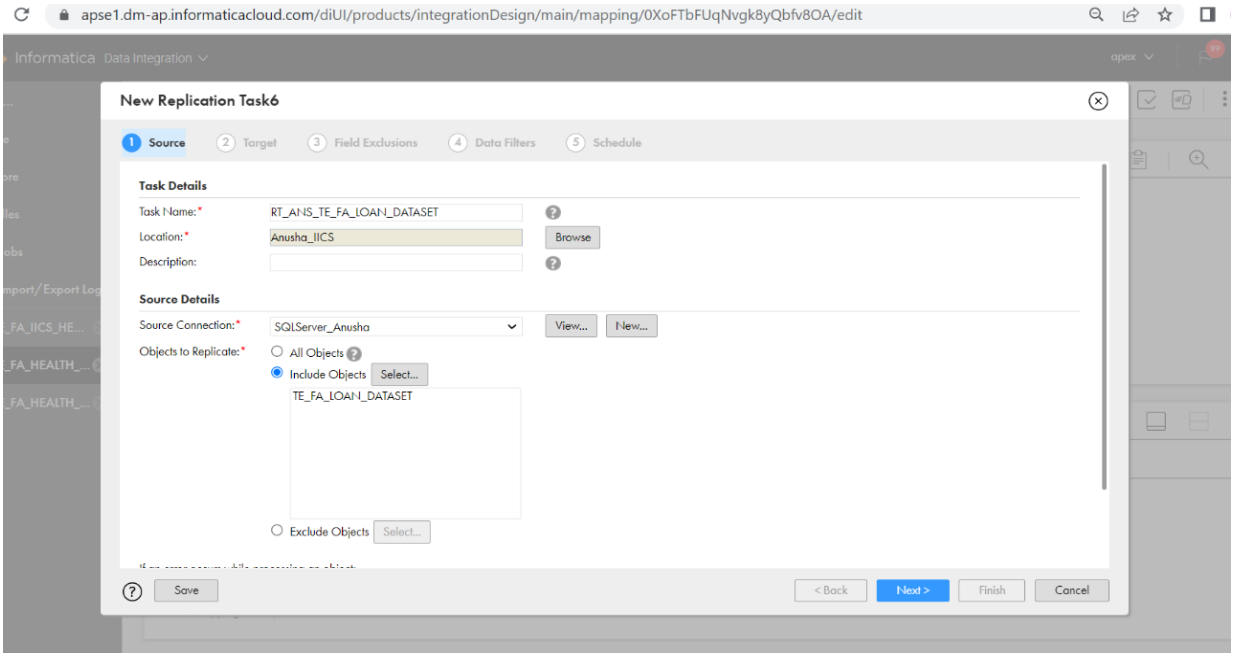
Save Cancel Script 200 26 Rows: 1 26 row(s) fetched - 426ms, on 2022-10-06 at 15:43:4

Replication Task

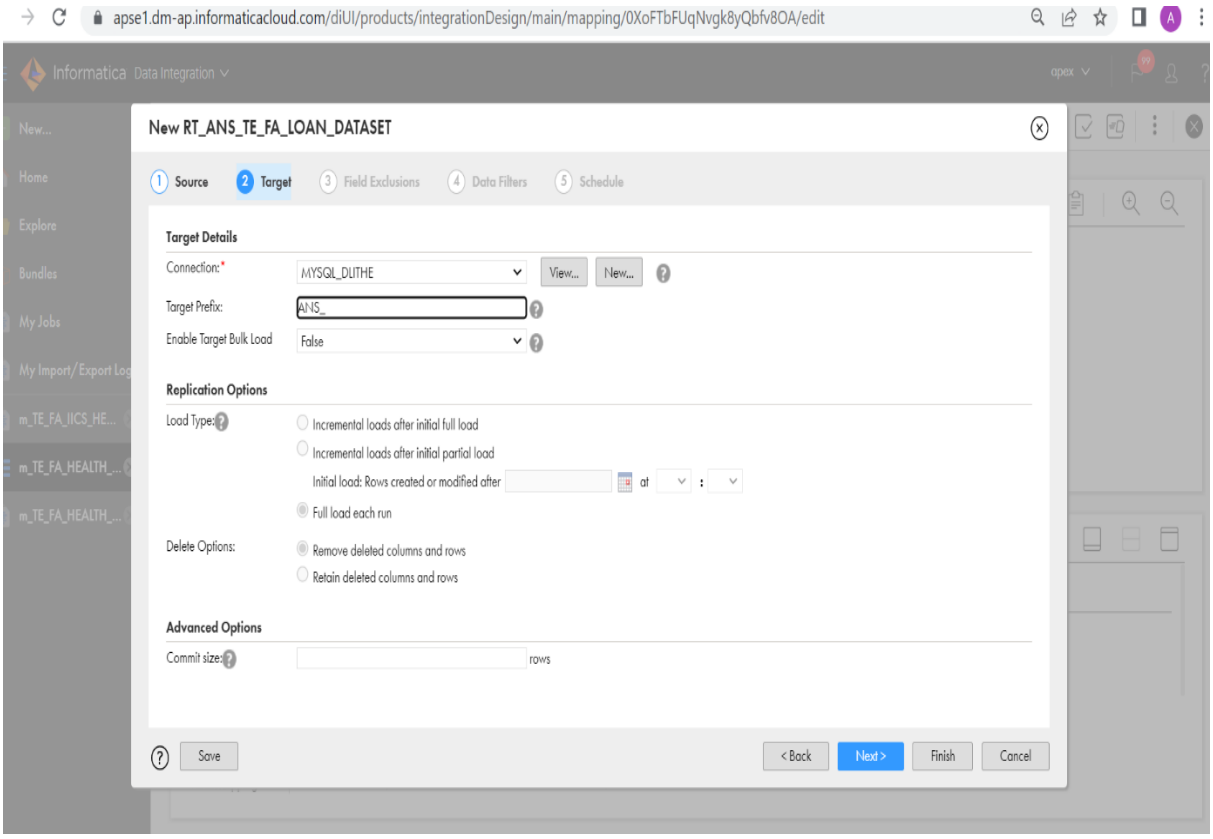
1) Create new replication task and rename the task



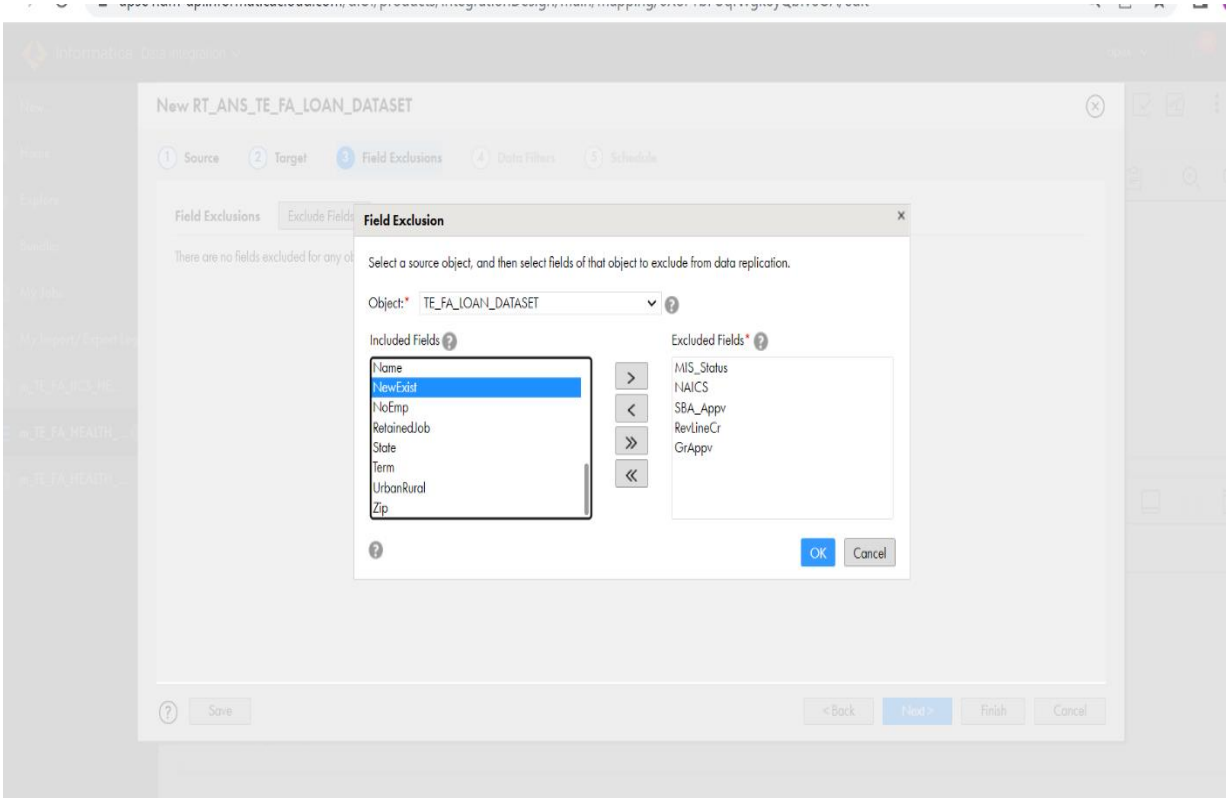
2) Select source connection and source object

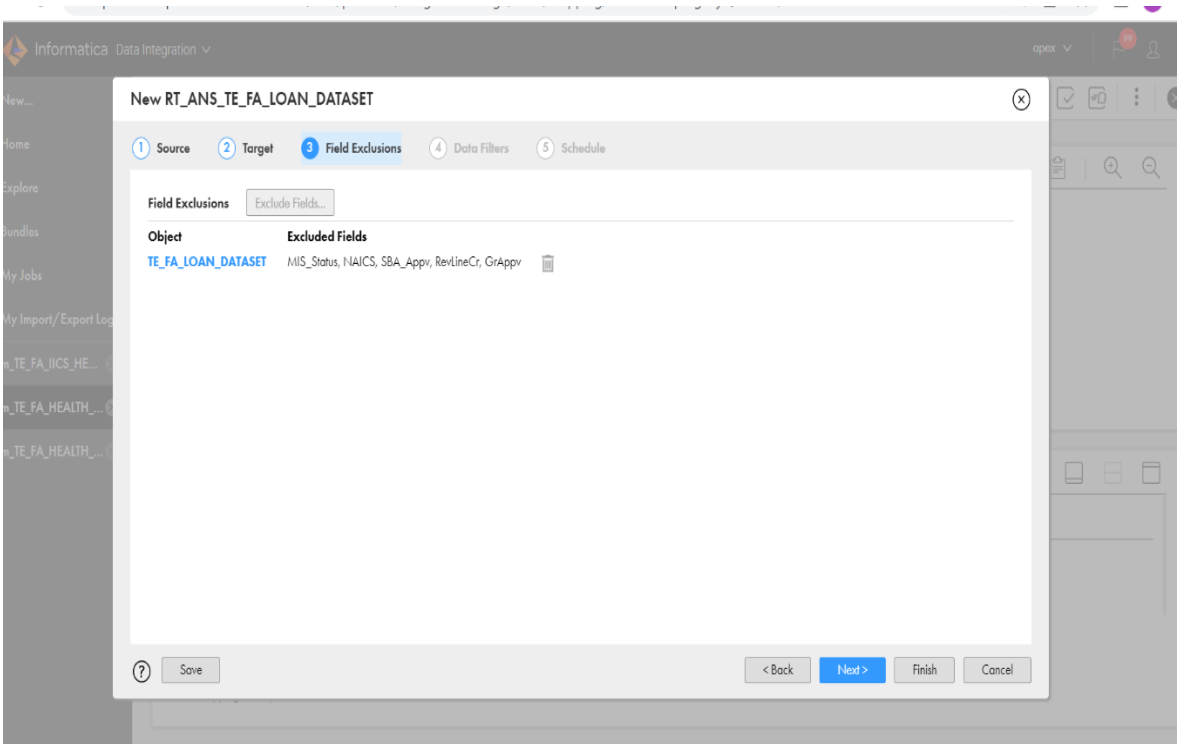


3) Select Target connection

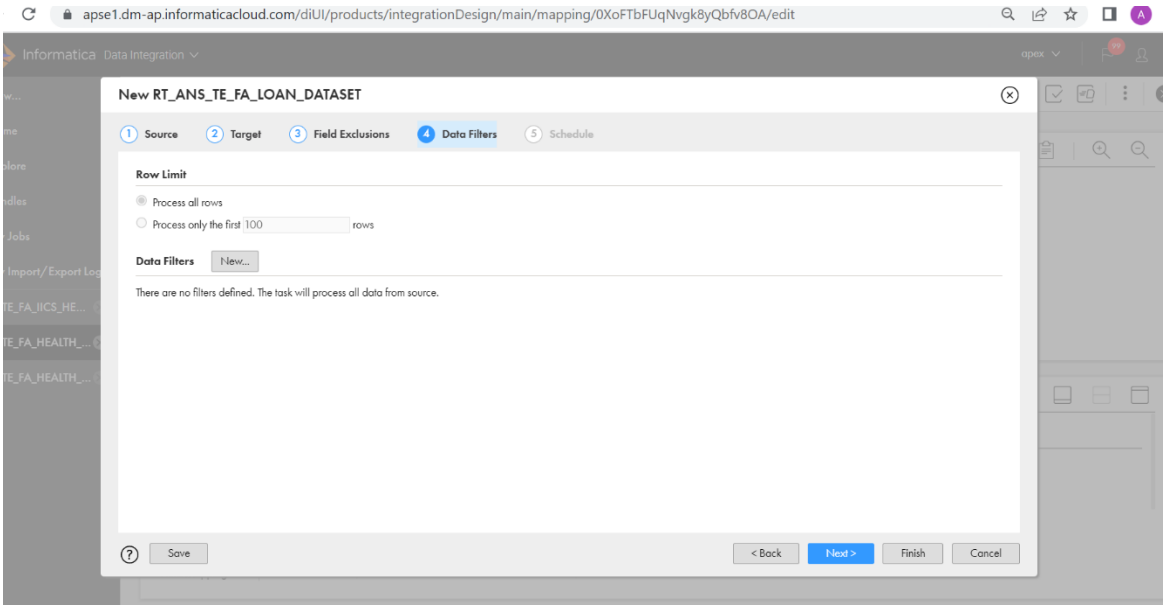


4) Select the fields to be replicated and exclude the fields if necessary

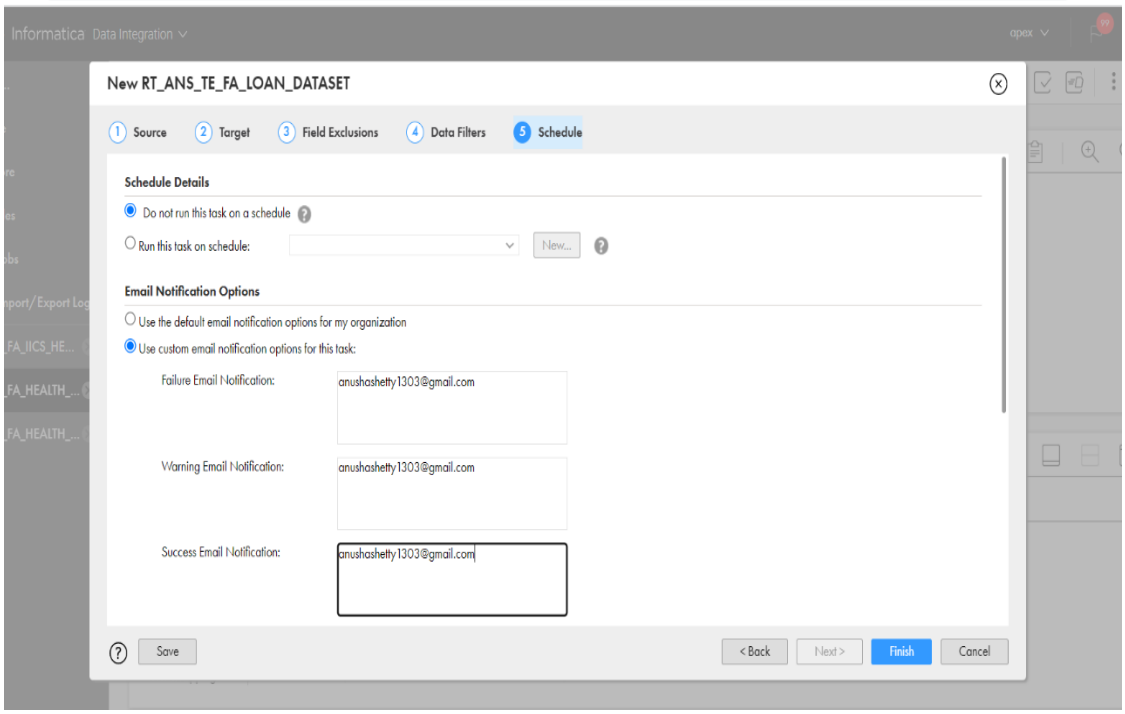




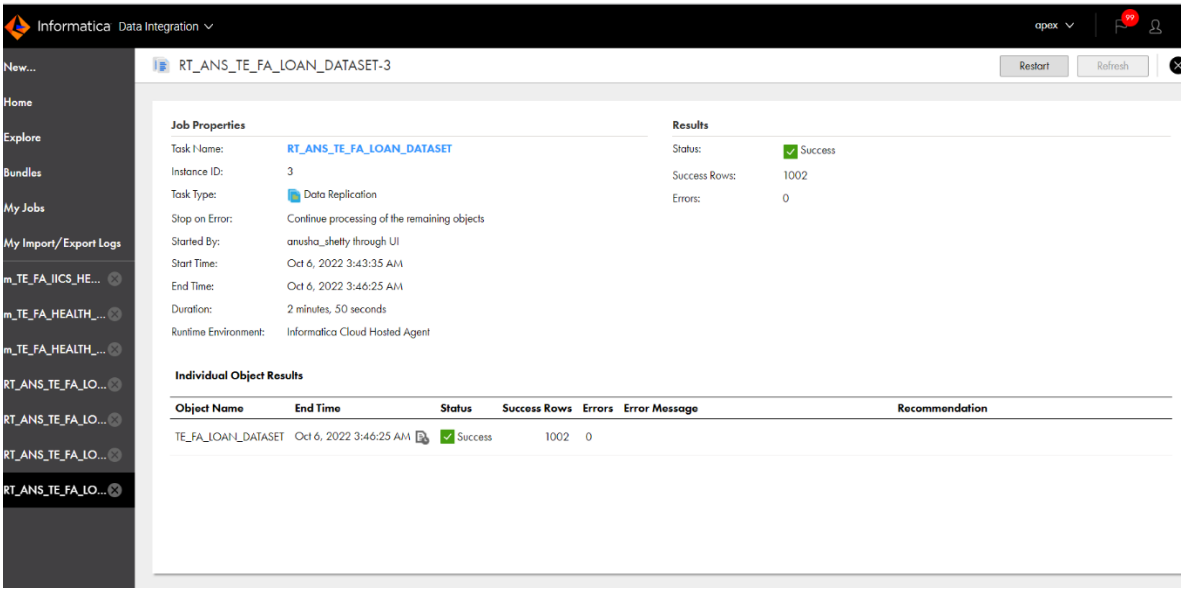
5) Apply filters if necessary



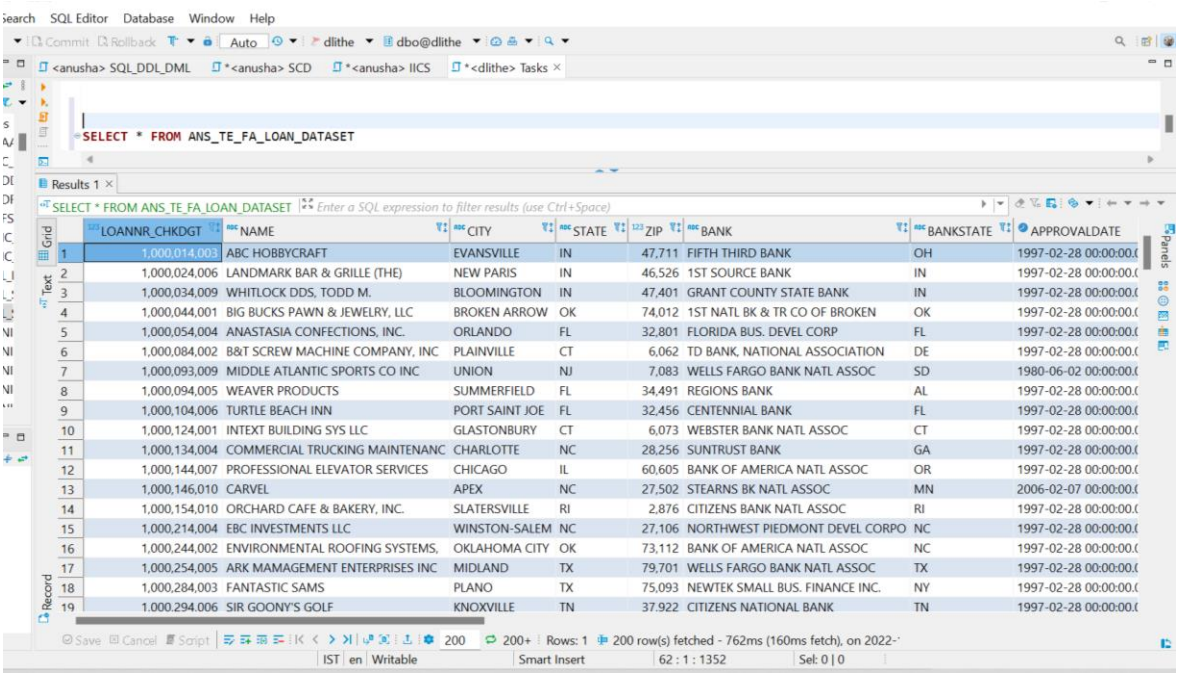
6) Select scheduled or unscheduled task . Finish , save and run the task



7) Results



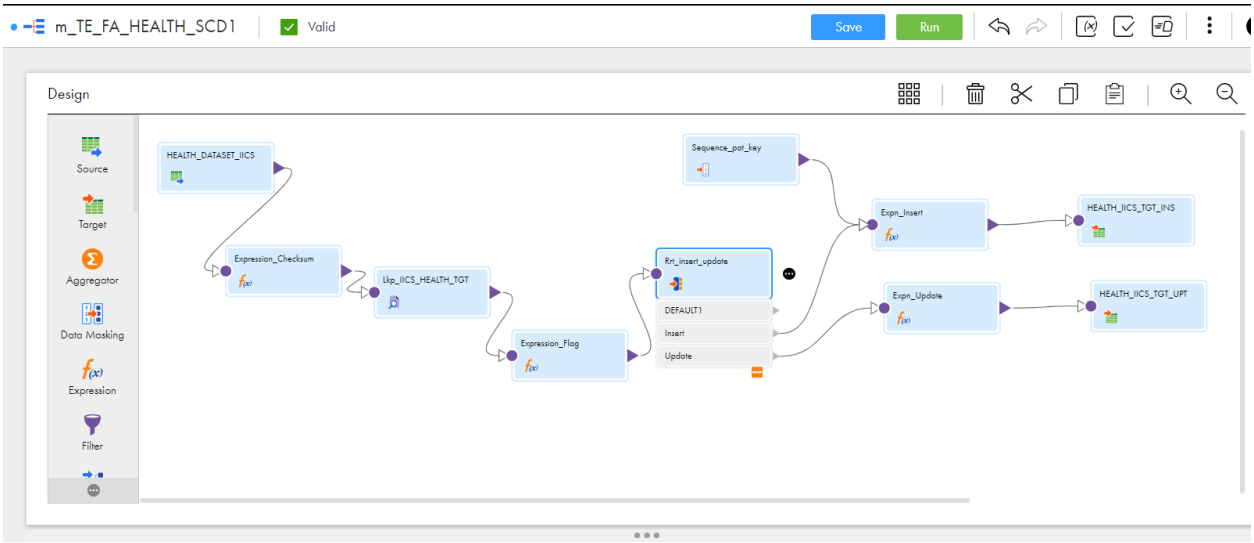
8) Destination table in another database



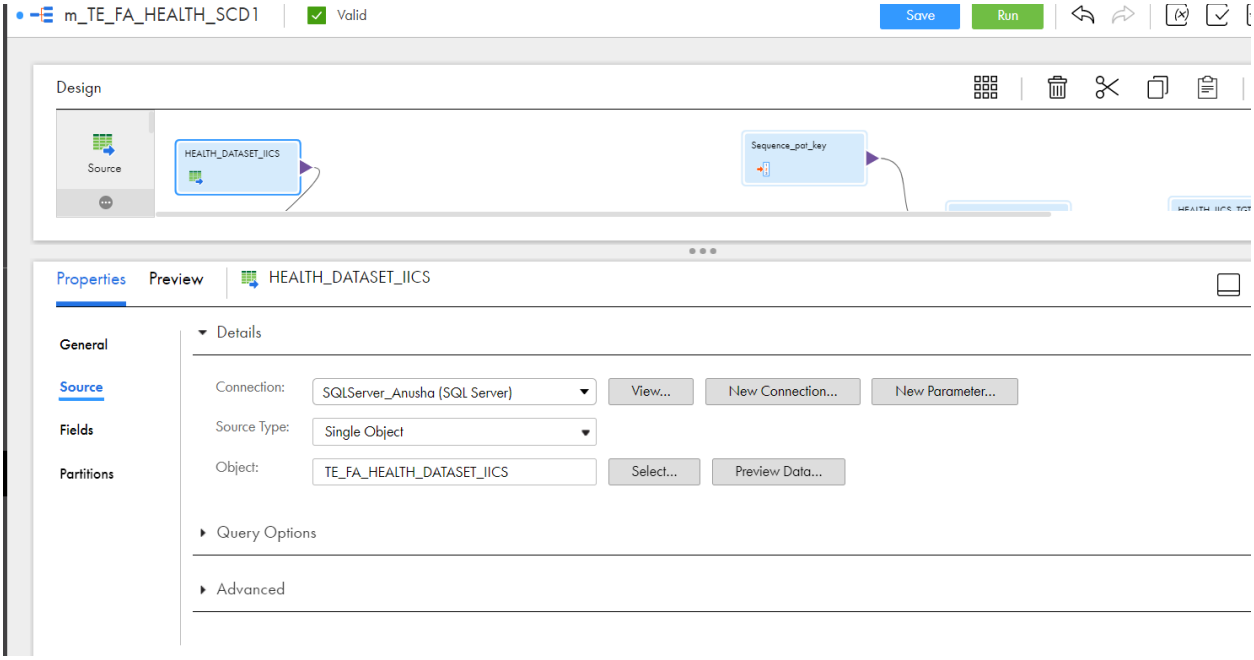
Slowly Changing Dimension – Type1

1) Create new mapping and rename mapping

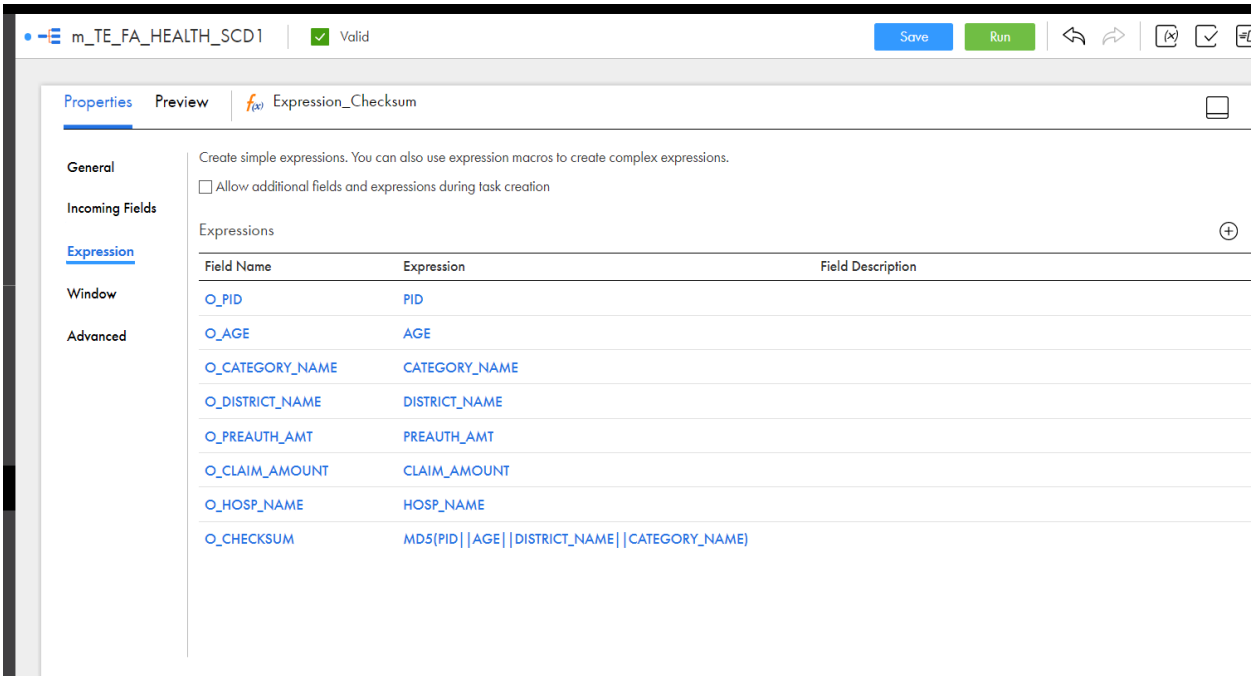
2) The below dataflow is for SCD1 mapping



a) Create source connection



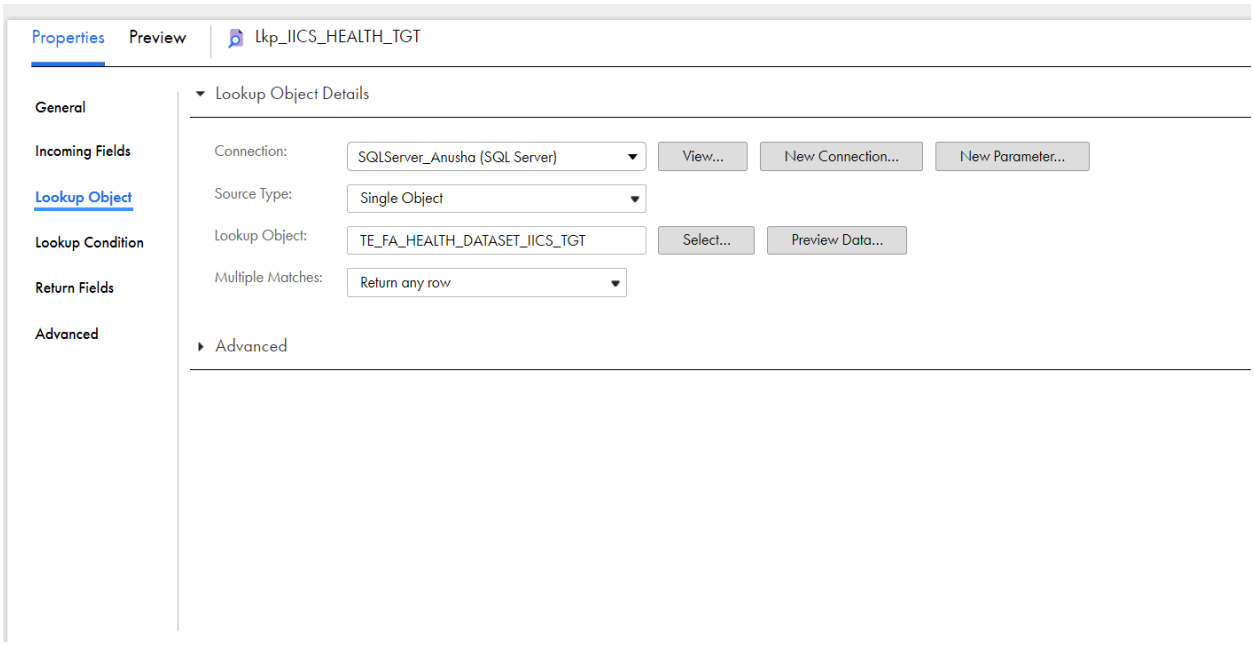
b)Expression transformation

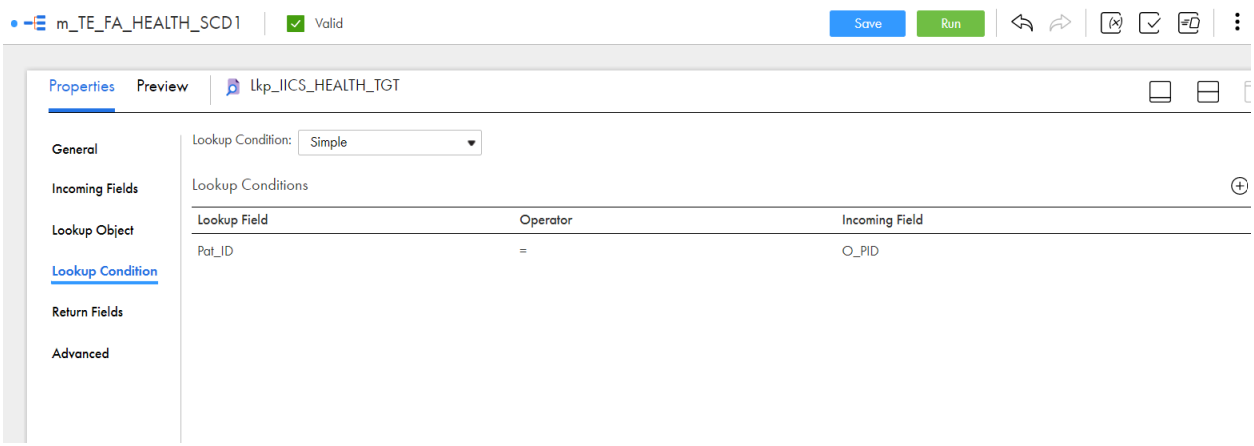


c) Lookup transformation and select target table

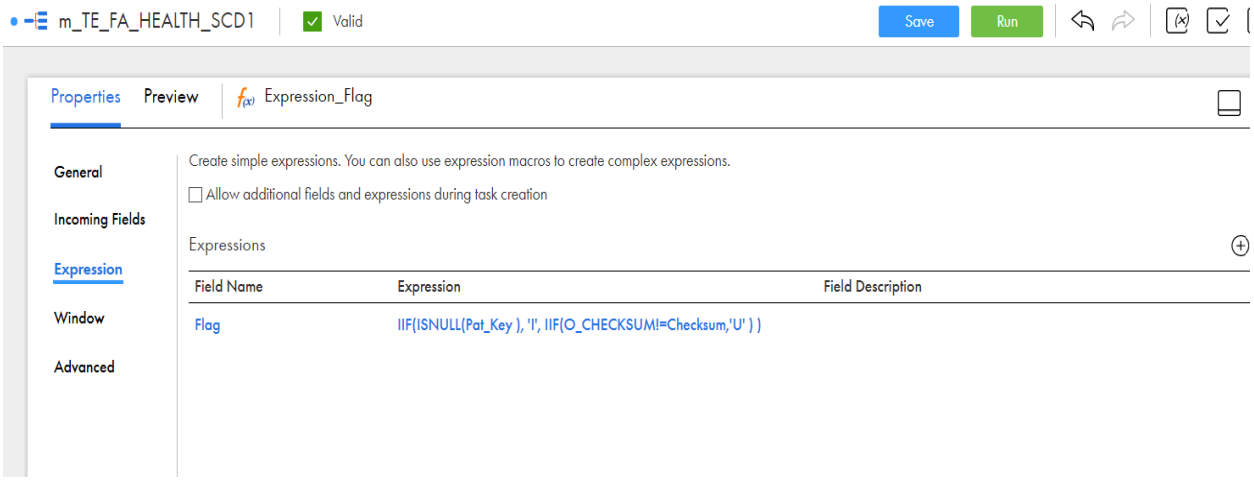
Source and target tables

```
---SCD1---------

----Health Dataset------
CREATE TABLE TE_FA_HEALTH_DATASET_IICS (
    [PID] float,
    [AGE] float,
    [CATEGORY_NAME] nvarchar(255),
    [DISTRICT_NAME] nvarchar(255),
    [PREAUTH_AMT] float,
    [CLAIM_AMOUNT] float,
    [HOSP_NAME] nvarchar(255)
);

CREATE TABLE TE_FA_HEALTH_DATASET_IICS_TGT (
    [Pat_Key] float,
    [Pat_ID] float,
    [Pat_AGE] float,
    [Pat_CATEGORY_NAME] nvarchar(255),
    [Pat_DISTRICT_NAME] nvarchar(255),
    [Pat_PREAUTH_AMT] float,
    [Pat_CLAIM_AMOUNT] float,
    [Pat_HOSP_NAME] nvarchar(255),
    [Checksum] nvarchar(255)
);
```

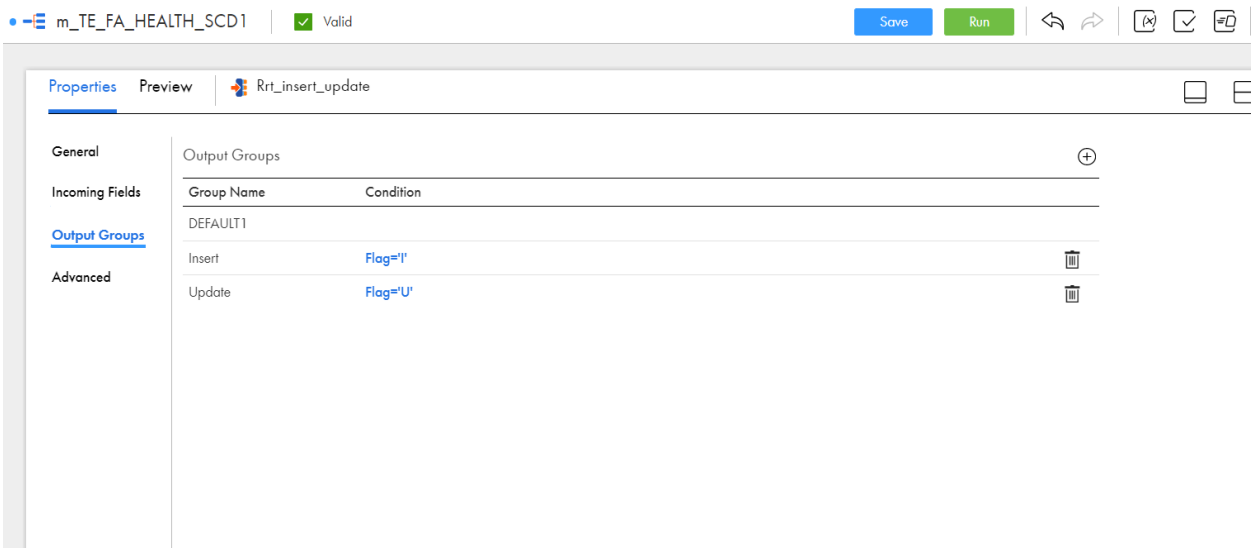




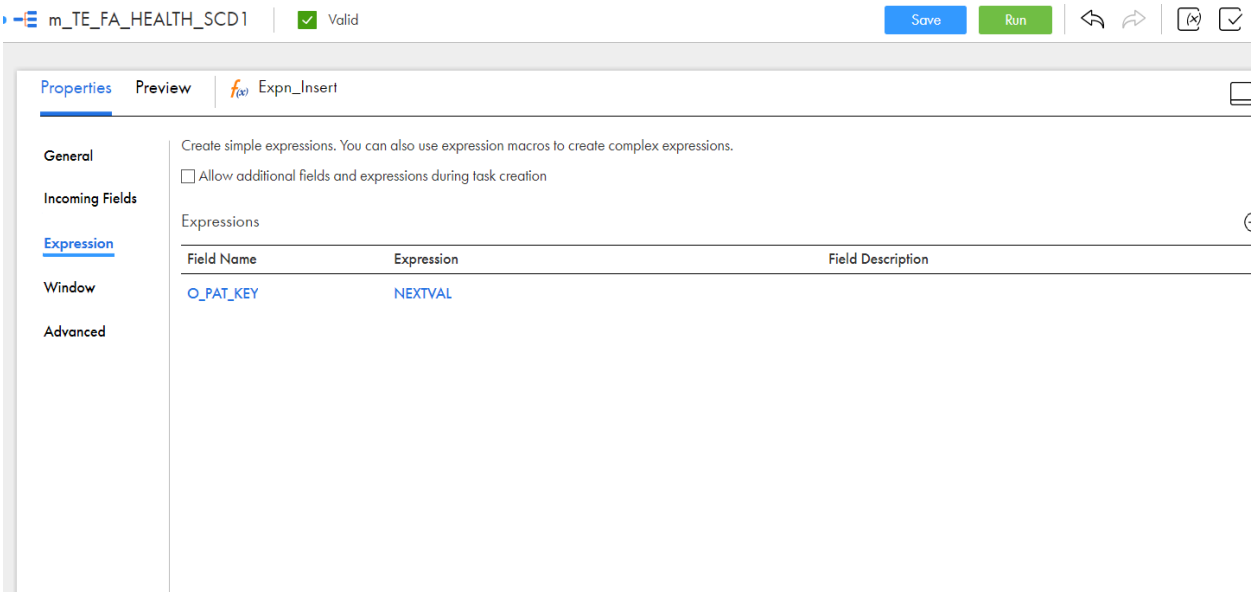
d) Expression to set flag



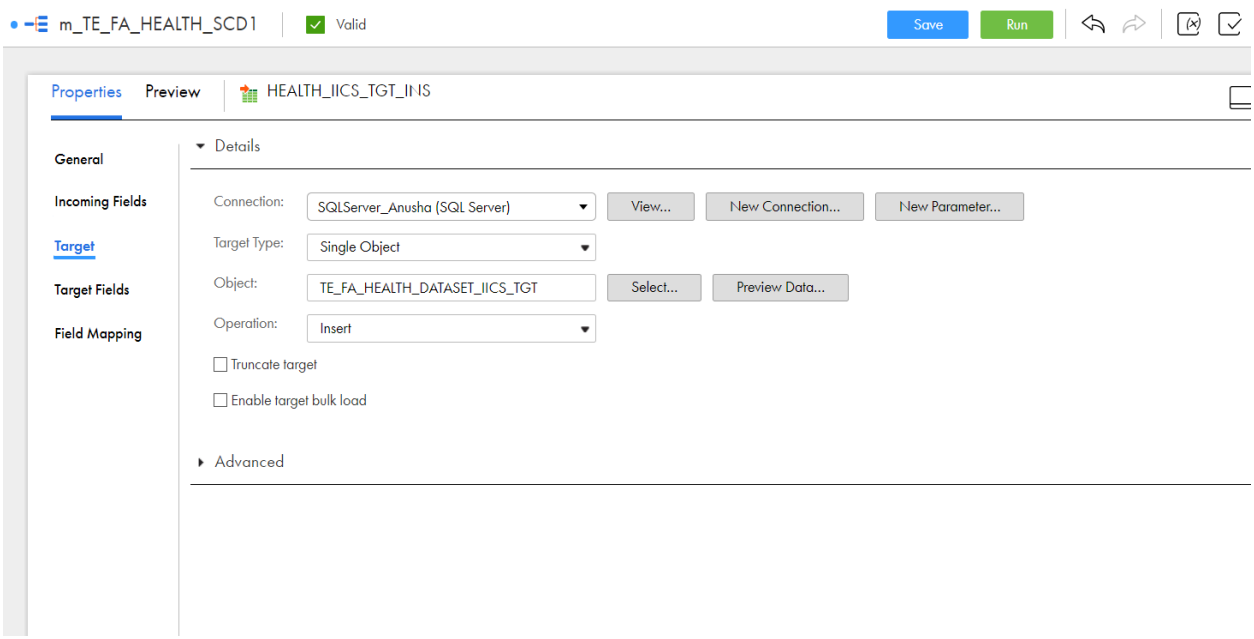
e) Route the data for either insert or update and set flag values

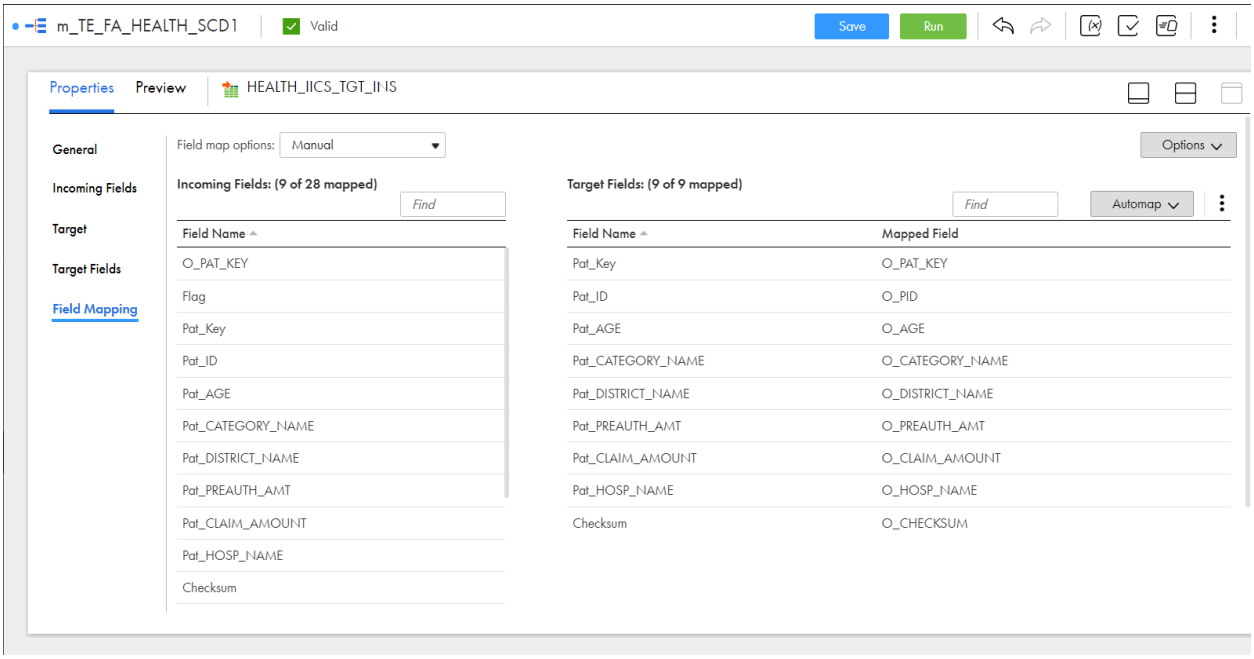


f) Connect sequence generator to insert expression group and set the value in expression transformation

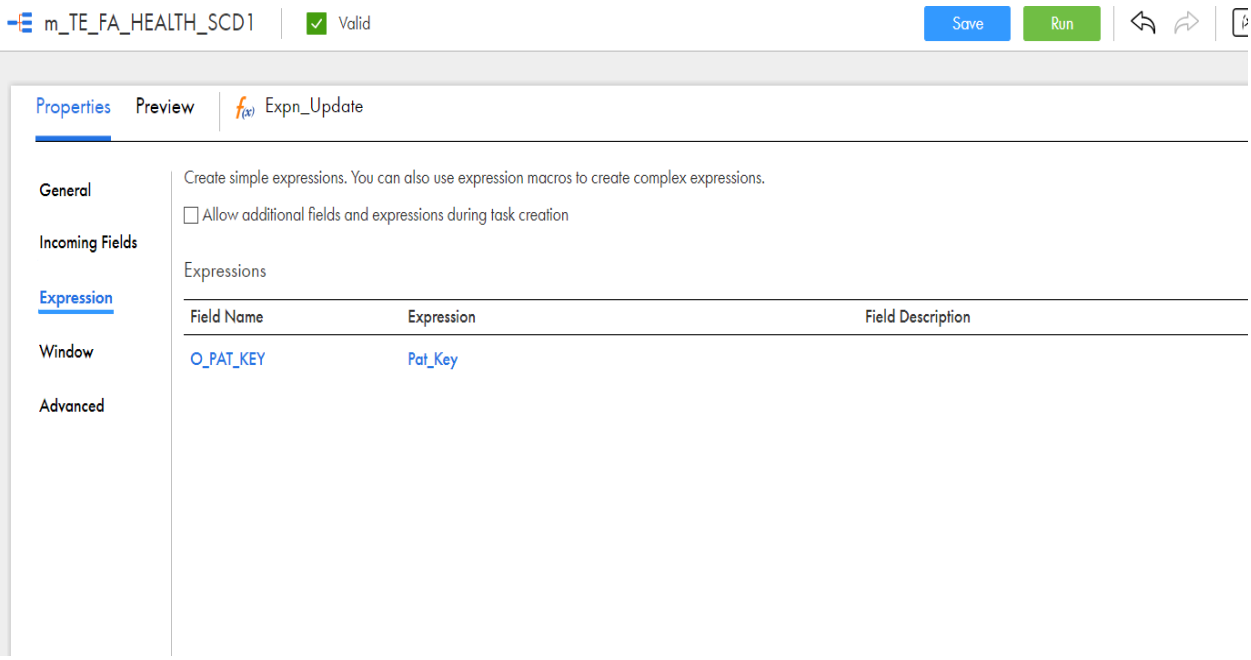


g) Connect the expression to target to insert values and select target object. Map target columns.

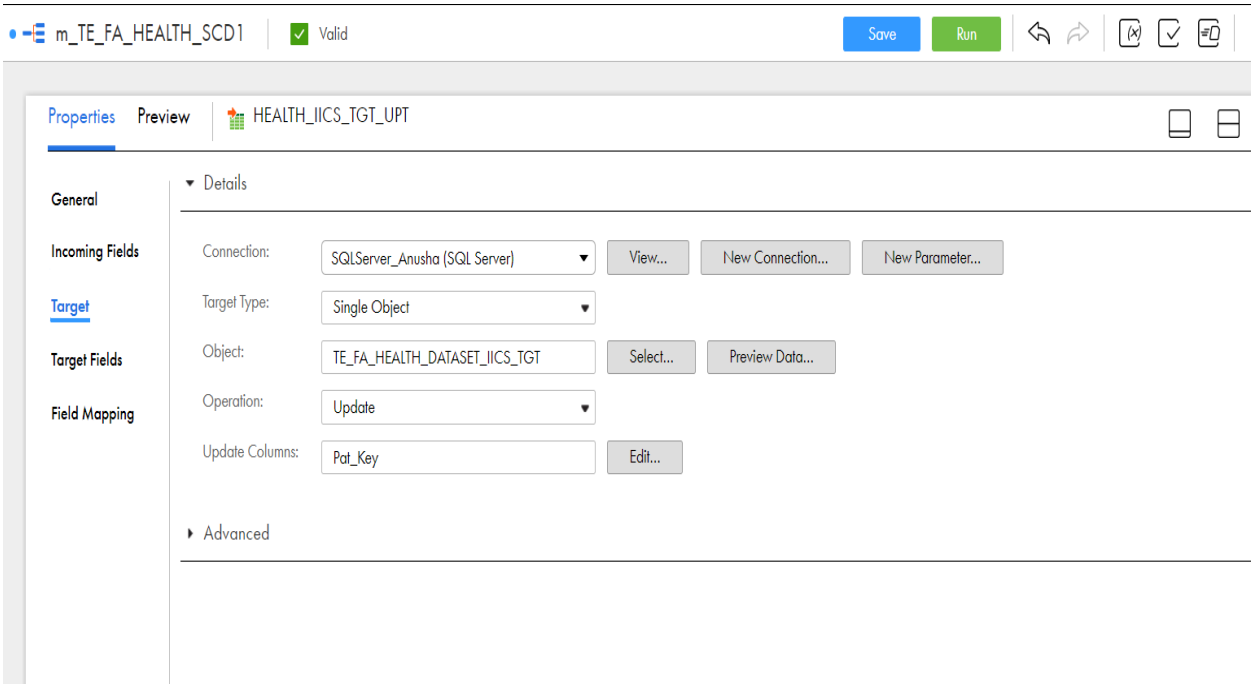


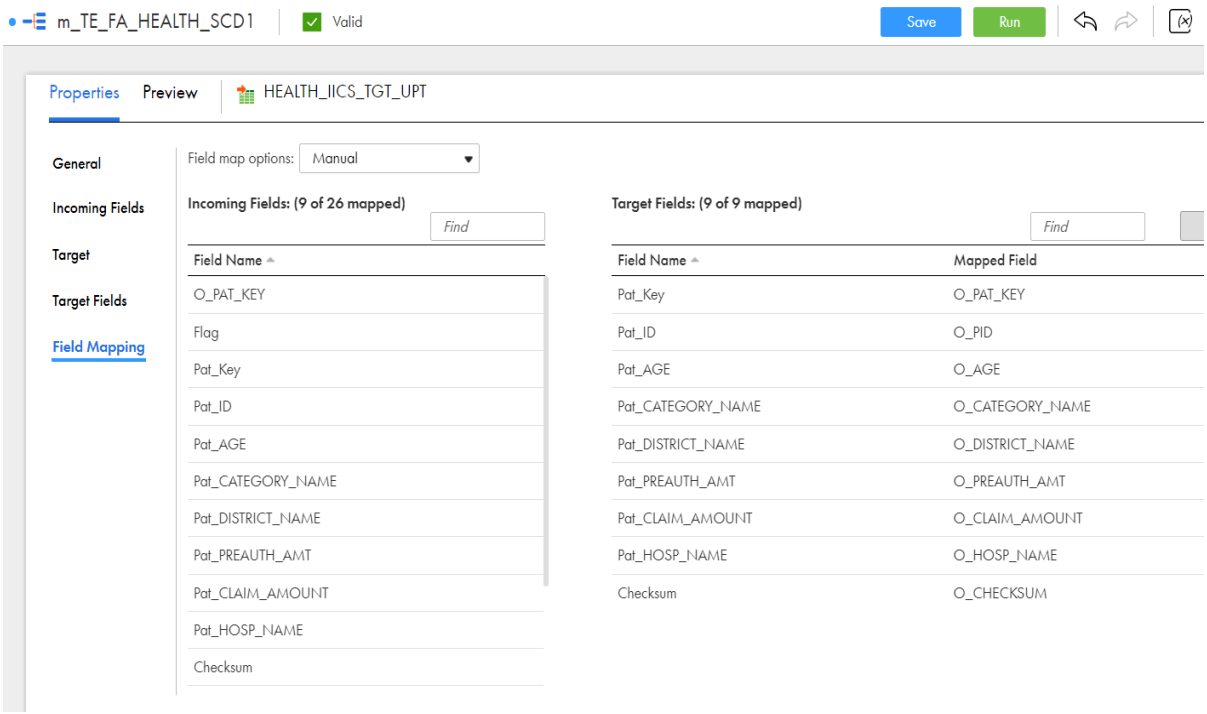


h) Set expression for update

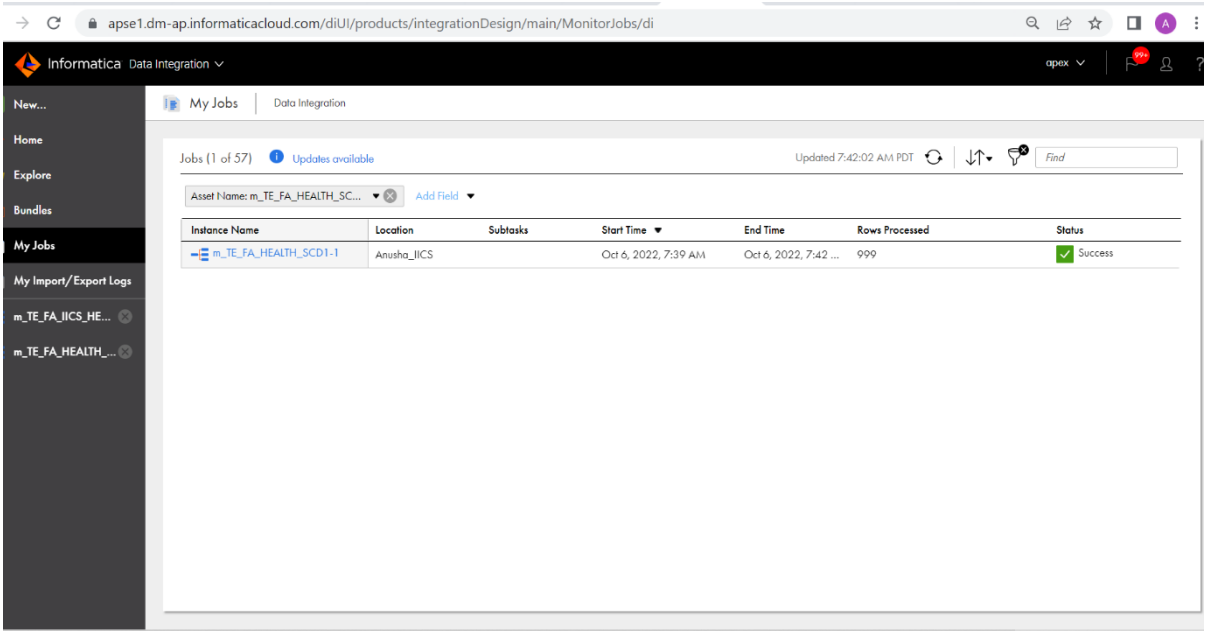


i) Connect expression to target for updating values. Map target columns.

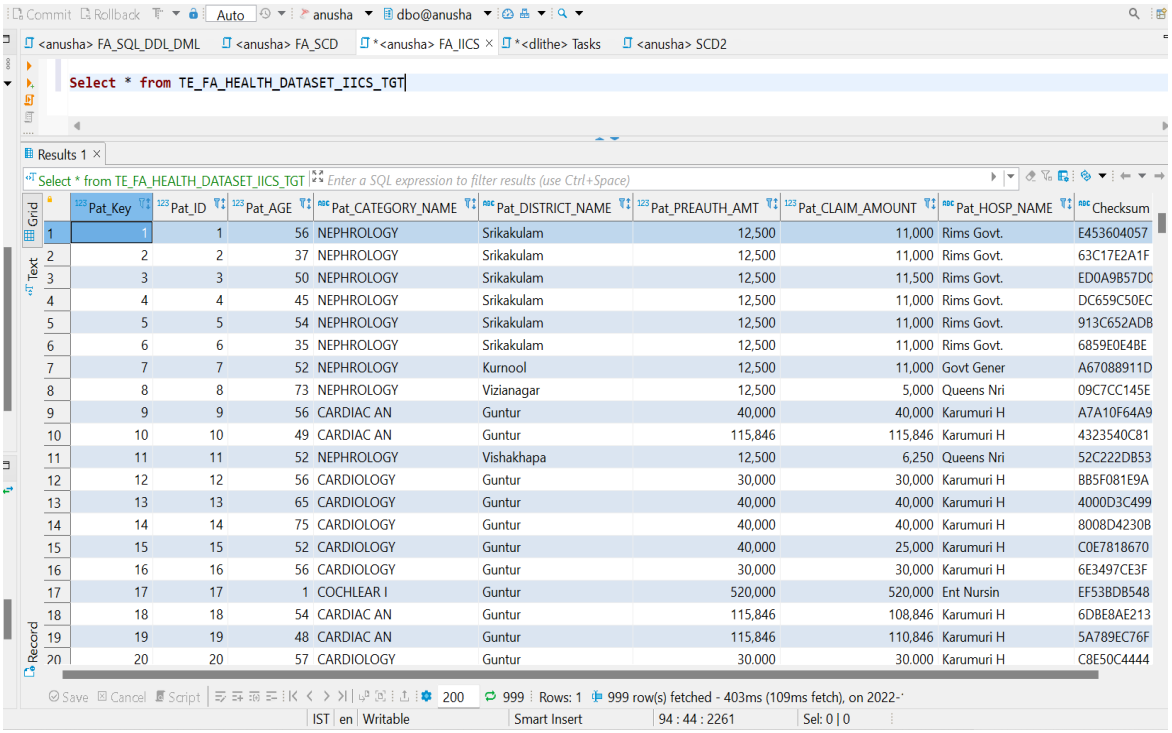




3) Save and run the task



4) Destination Table



```
Select * from TE_FA_HEALTH_DATASET_IICS_TGT
```

Results 1

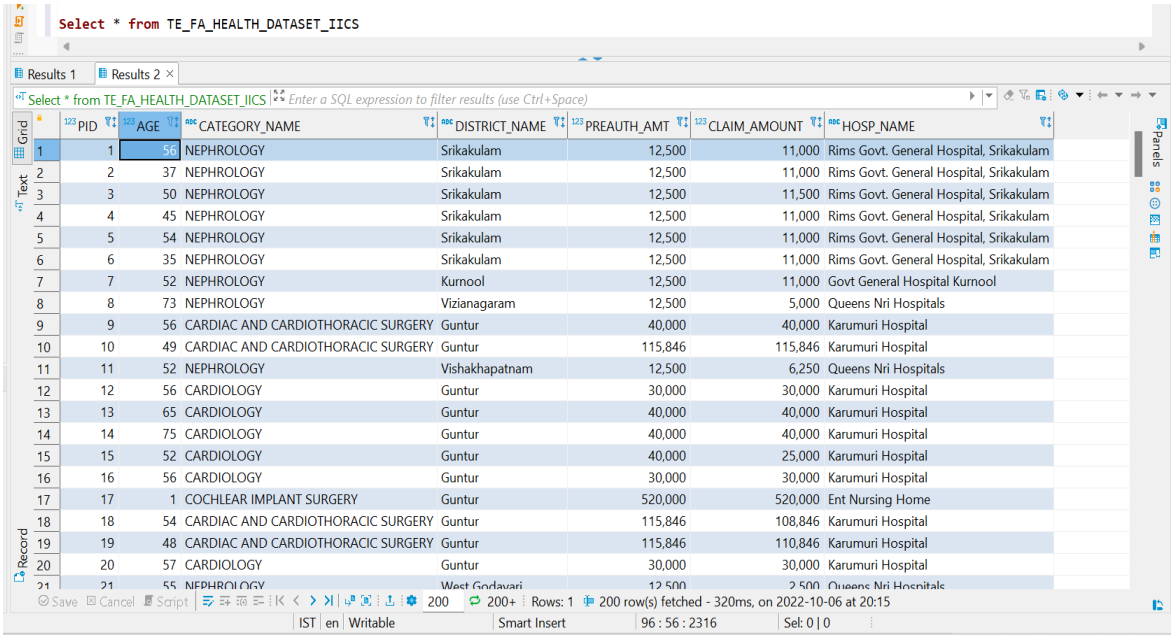
Select * from TE_FA_HEALTH_DATASET_IICS_TGT

	Pat_Key	Pat_ID	Pat_AGE	Pat_CATEGORY_NAME	Pat_DISTRICT_NAME	Pat_PREAUTH_AMT	Pat_CLAIM_AMOUNT	Pat_HOSP_NAME	Checksum
1	1	1	56	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	E453604057
2	2	2	37	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	63C17E2A1F
3	3	3	50	NEPHROLOGY	Srikakulam	12,500	11,500	Rims Govt.	ED0A9B57D0
4	4	4	45	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	DC659C50EC
5	5	5	54	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	913C652ADB
6	6	6	35	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	6859E0E4BE
7	7	7	52	NEPHROLOGY	Kurnool	12,500	11,000	Govt Gener	A67088911D
8	8	8	73	NEPHROLOGY	Vizianagar	12,500	5,000	Queens Nri	09C7CC145E
9	9	9	56	CARDIAC AN	Guntur	40,000	40,000	Karumuri H	A7A10F64A9
10	10	10	49	CARDIAC AN	Guntur	115,846	115,846	Karumuri H	4323540C81
11	11	11	52	NEPHROLOGY	Vishakhapa	12,500	6,250	Queens Nri	52C222DB53
12	12	12	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri H	BB5F081E9A
13	13	13	65	CARDIOLOGY	Guntur	40,000	40,000	Karumuri H	4000D3C499
14	14	14	75	CARDIOLOGY	Guntur	40,000	40,000	Karumuri H	8008D4230B
15	15	15	52	CARDIOLOGY	Guntur	40,000	25,000	Karumuri H	C0E7818670
16	16	16	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri H	6E3497CE3F
17	17	17	1	COCHLEAR I	Guntur	520,000	520,000	Ent Nursin	EF53BDB548
18	18	18	54	CARDIAC AN	Guntur	115,846	108,846	Karumuri H	6DBE8AE213
19	19	19	48	CARDIAC AN	Guntur	115,846	110,846	Karumuri H	5A789EC76F
20	20	20	57	CARDIOLOGY	Guntur	30,000	30,000	Karumuri H	C8E50C4444

Save Cancel Script 200 999 Rows: 1 999 row(s) fetched - 403ms (109ms fetch), on 2022-

IST en Writable Smart Insert 94 : 44 : 2261 Sel: 0 | 0

5) Update any column in source table



```
Select * from TE_FA_HEALTH_DATASET_IICS
```

Results 1 Results 2

Select * from TE_FA_HEALTH_DATASET_IICS

	PID	AGE	CATEGORY_NAME	DISTRICT_NAME	PREAUTH_AMT	CLAIM_AMOUNT	HOSP_NAME
1	1	56	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
2	2	37	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
3	3	50	NEPHROLOGY	Srikakulam	12,500	11,500	Rims Govt. General Hospital, Srikakulam
4	4	45	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
5	5	54	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
6	6	35	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
7	7	52	NEPHROLOGY	Kurnool	12,500	11,000	Govt General Hospital Kurnool
8	8	73	NEPHROLOGY	Vizianagaram	12,500	5,000	Queens Nri Hospitals
9	9	56	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	40,000	40,000	Karumuri Hospital
10	10	49	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	115,846	115,846	Karumuri Hospital
11	11	52	NEPHROLOGY	Vishakhapatnam	12,500	6,250	Queens Nri Hospitals
12	12	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri Hospital
13	13	65	CARDIOLOGY	Guntur	40,000	40,000	Karumuri Hospital
14	14	75	CARDIOLOGY	Guntur	40,000	40,000	Karumuri Hospital
15	15	52	CARDIOLOGY	Guntur	40,000	25,000	Karumuri Hospital
16	16	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri Hospital
17	17	1	COCHLEAR IMPLANT SURGERY	Guntur	520,000	520,000	Ent Nursing Home
18	18	54	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	115,846	108,846	Karumuri Hospital
19	19	48	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	115,846	110,846	Karumuri Hospital
20	20	57	CARDIOLOGY	Guntur	30,000	30,000	Karumuri Hospital
21	21	55	NEPHROLOGY	West Godavari	12,500	2,500	Queens Nri Hospitals

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 320ms, on 2022-10-06 at 20:15

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```
Select * from TE_FA_HEALTH_DATASET_IICS

UPDATE TE_FA_HEALTH_DATASET_IICS SET AGE=60 WHERE PID=1
```

Results 1 | Results 2 | Statistics 3 | Results 4

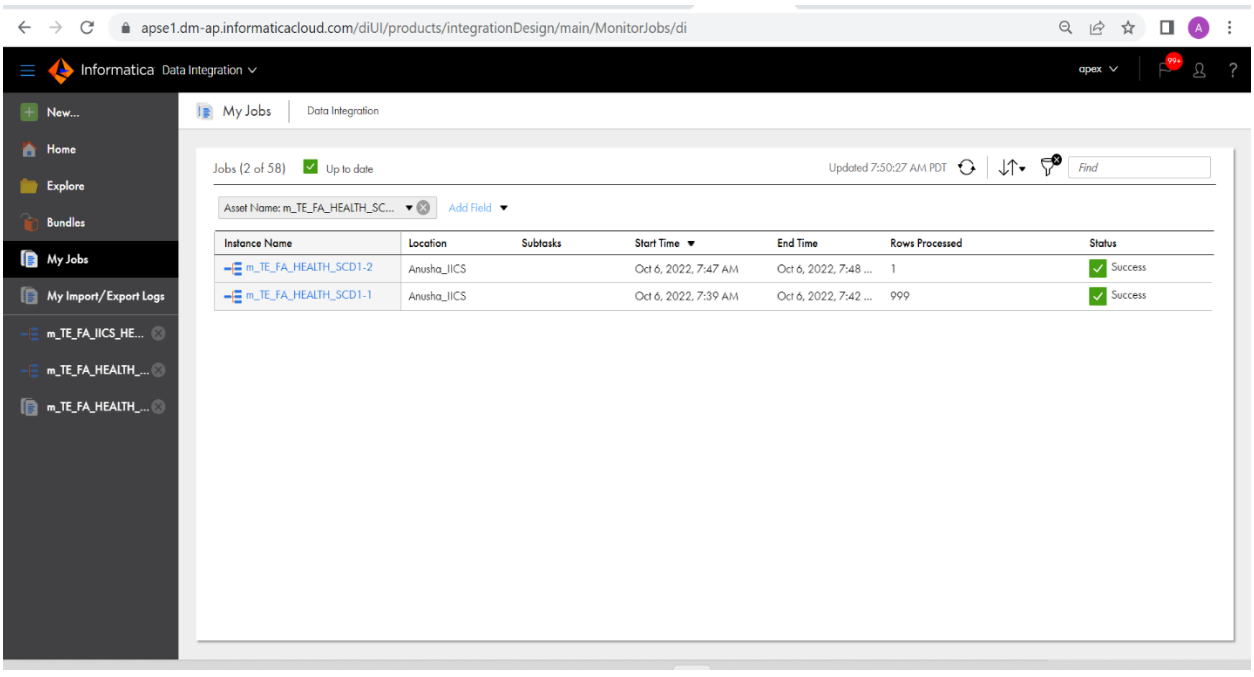
Select * from TE_FA_HEALTH_DATASET_IICS — Enter a SQL expression to filter results (use Ctrl+Space)

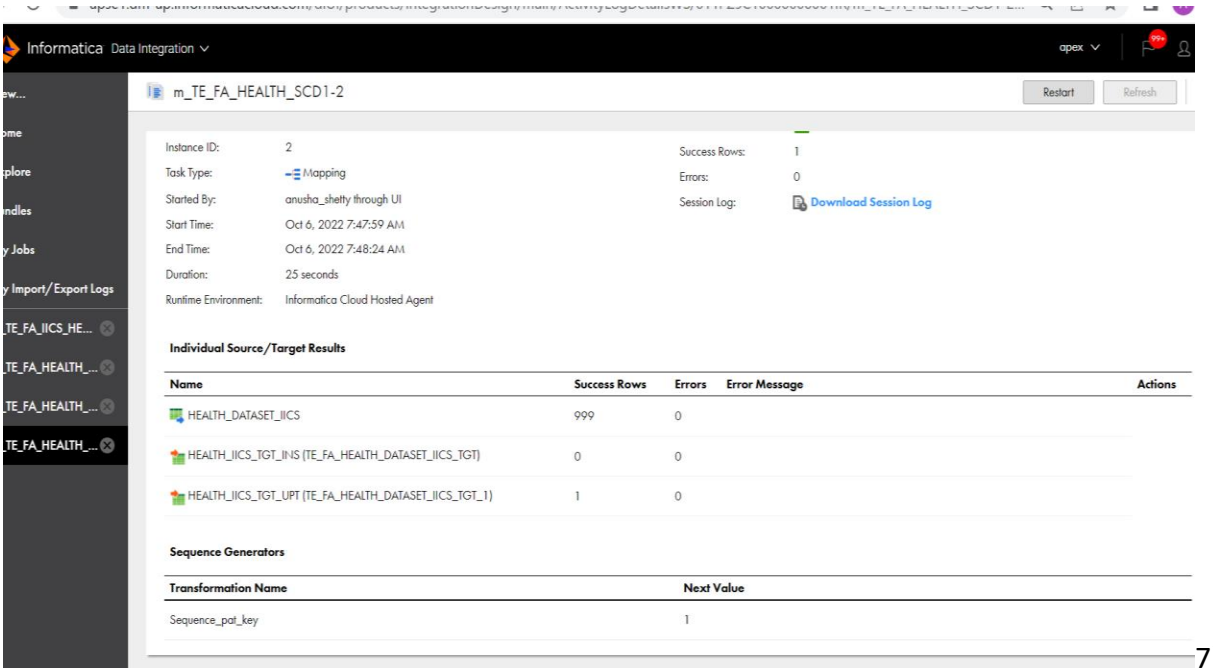
	PID	AGE	CATEGORY_NAME	DISTRICT_NAME	PREAUTH_AMT	CLAIM_AMOUNT	HOSP_NAME
1	1	60	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
2	2	37	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
3	3	50	NEPHROLOGY	Srikakulam	12,500	11,500	Rims Govt. General Hospital, Srikakulam
4	4	45	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
5	5	54	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
6	6	35	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt. General Hospital, Srikakulam
7	7	52	NEPHROLOGY	Kurnool	12,500	11,000	Govt General Hospital Kurnool
8	8	73	NEPHROLOGY	Vizianagaram	12,500	5,000	Queens Nri Hospitals
9	9	56	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	40,000	40,000	Karumuri Hospital
10	10	49	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	115,846	115,846	Karumuri Hospital
11	11	52	NEPHROLOGY	Vishakhapatnam	12,500	6,250	Queens Nri Hospitals
12	12	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri Hospital
13	13	65	CARDIOLOGY	Guntur	40,000	40,000	Karumuri Hospital
14	14	75	CARDIOLOGY	Guntur	40,000	40,000	Karumuri Hospital
15	15	52	CARDIOLOGY	Guntur	40,000	25,000	Karumuri Hospital
16	16	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri Hospital
17	17	1	COCHLEAR IMPLANT SURGERY	Guntur	520,000	520,000	Ent Nursing Home
18	18	54	CARDIAC AND CARDIOTHORACIC SURGERY	Guntur	115,846	108,846	Karumuri Hospital

Save | Cancel | Script | 200 | 200+ | Rows: 1 | 200 row(s) fetched - 349ms (18ms fetch), on 2022-1(

IST | en | Writable | Smart Insert | 96 : 56 : 2316 | Sel: 0 | 0

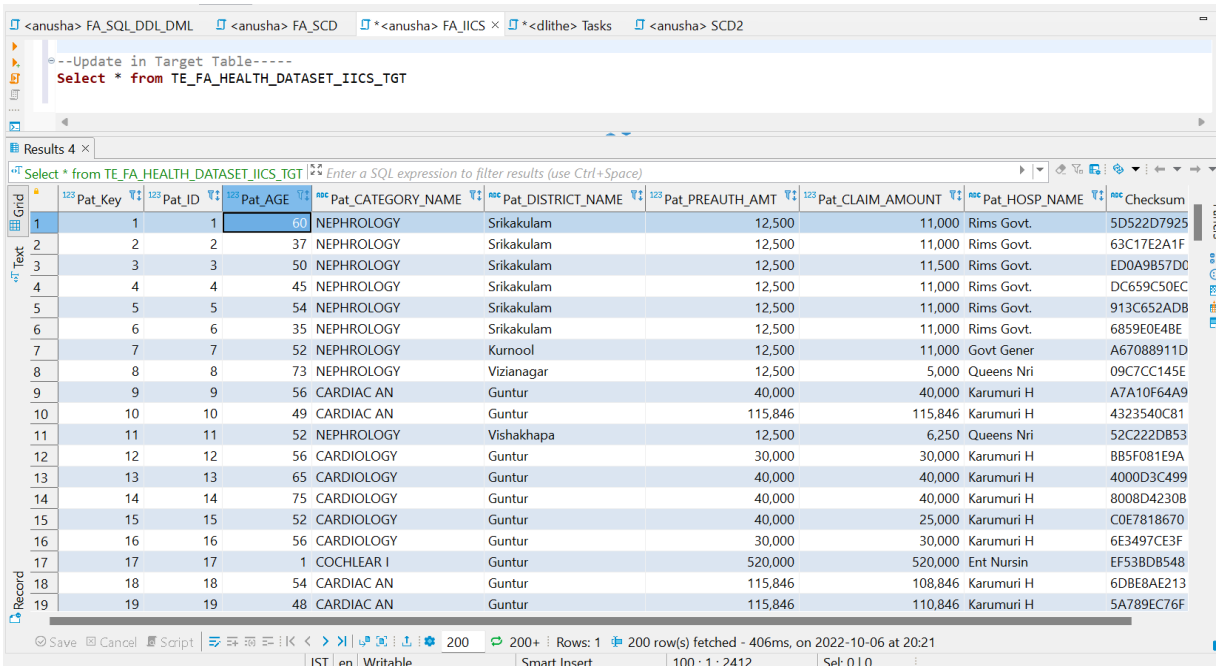
6) Run the mapping again





7)

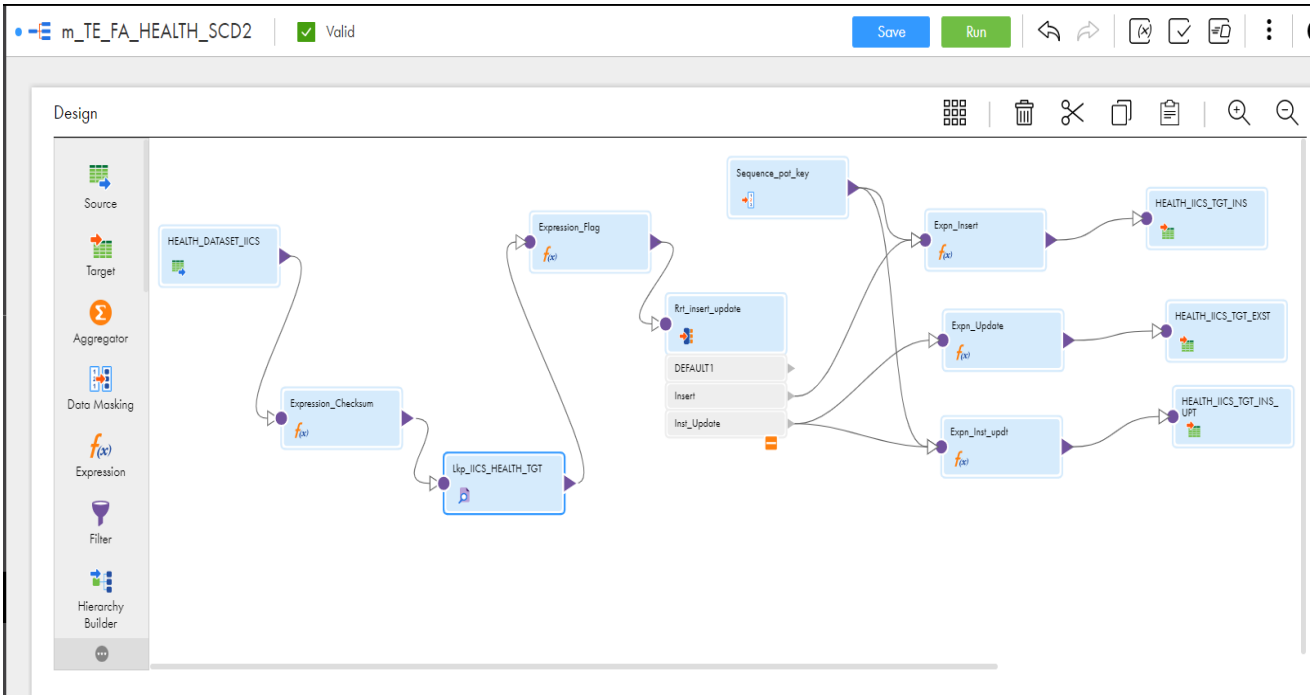
7) Destination table with updated result



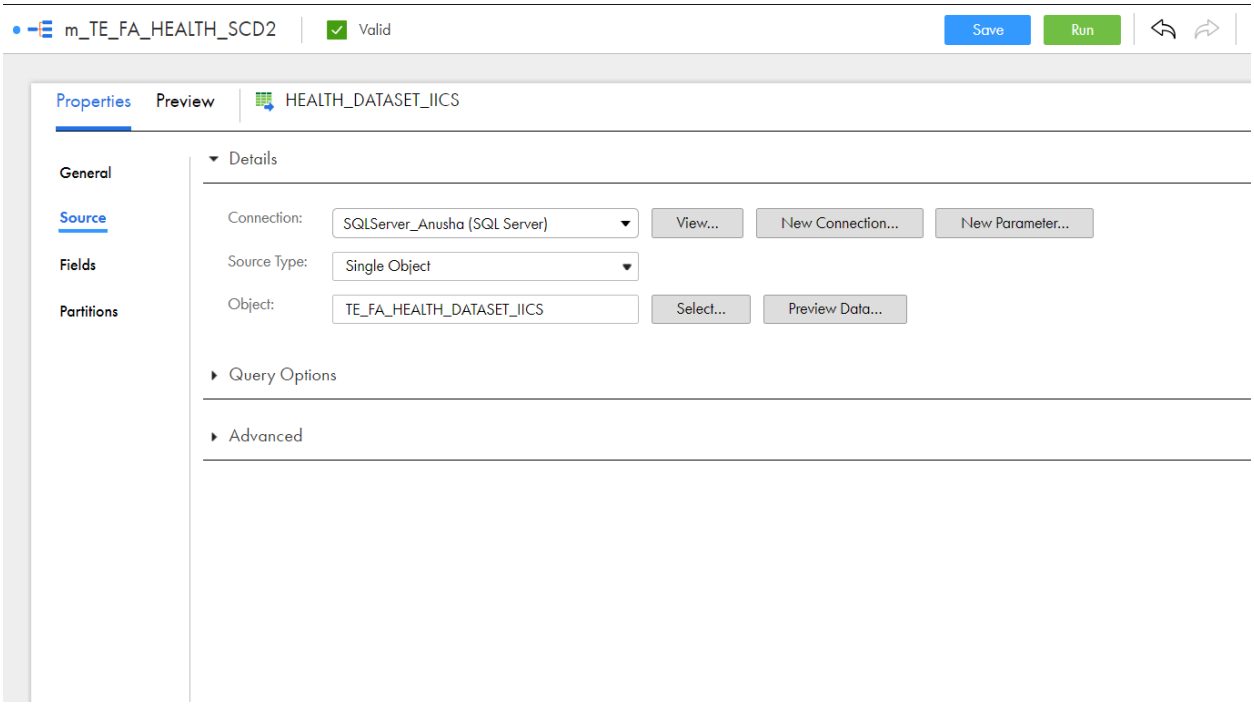
Slowly Changing Dimension -Type 2

1) Create new mapping and rename mapping

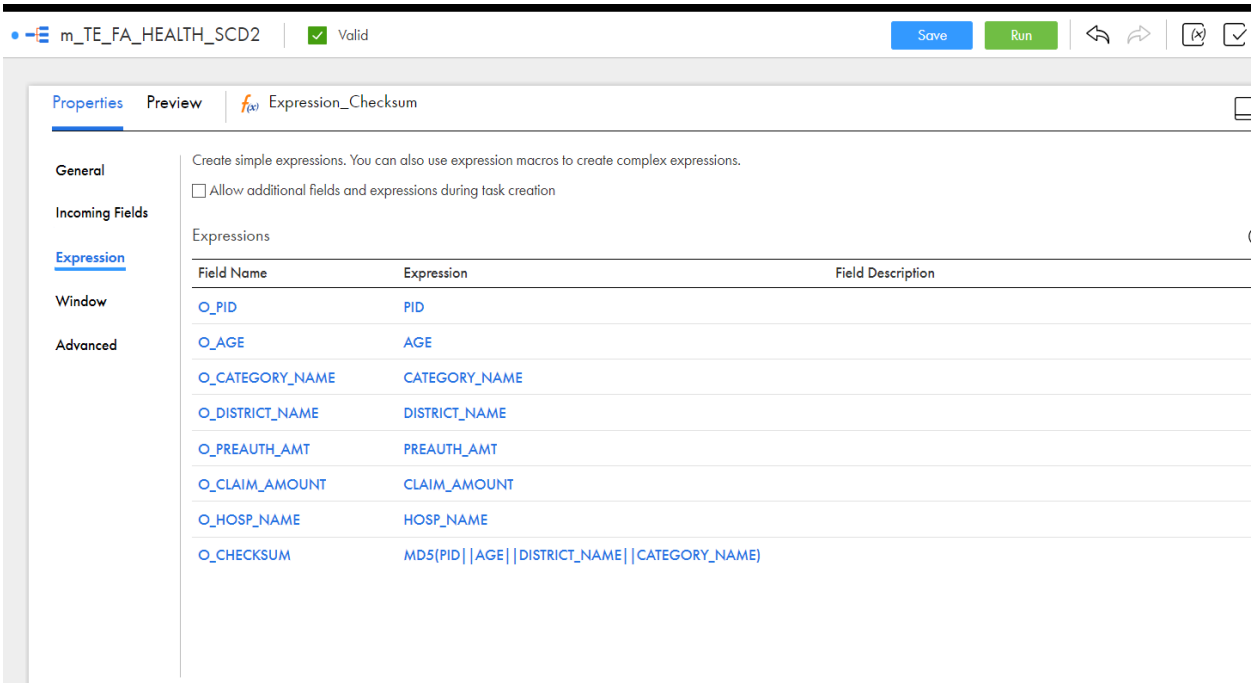
2) The below dataflow is for SCD2 mapping



a) Create new source connection



b) Expression to set the columns

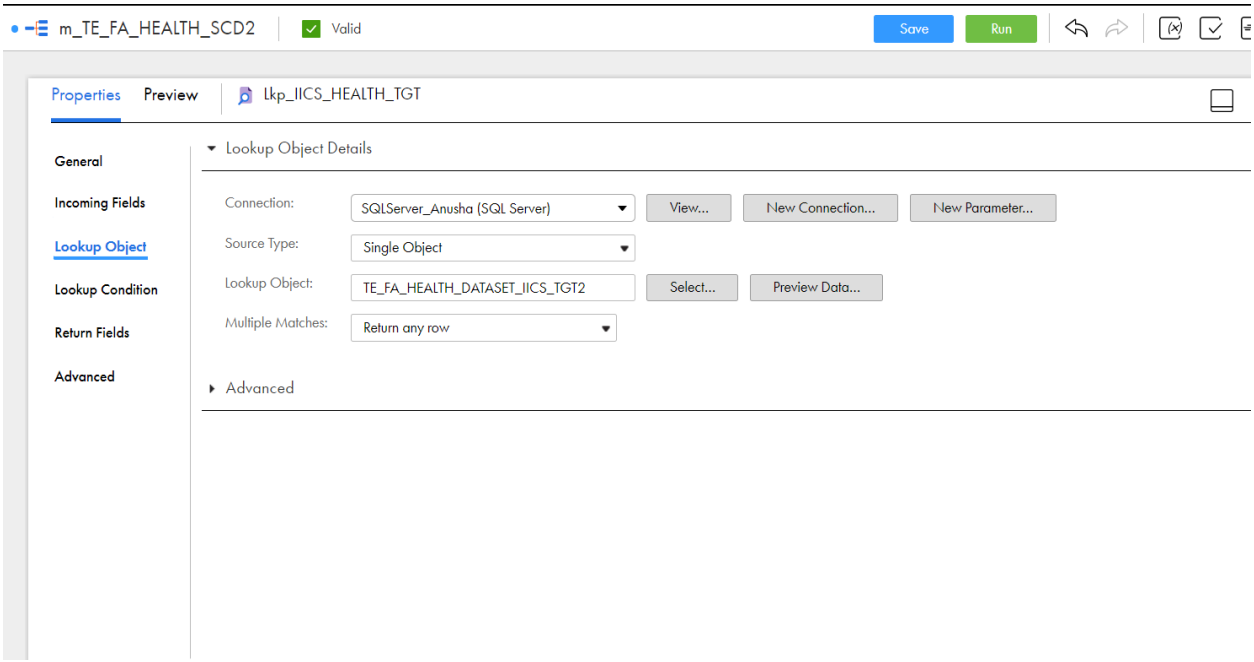


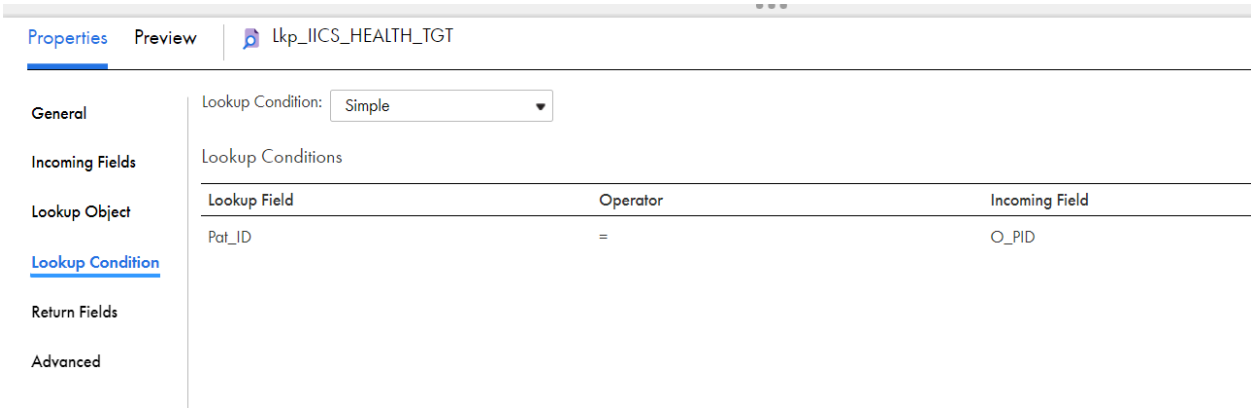
c) Set lookup object and condition in lookup transformation

Destination table

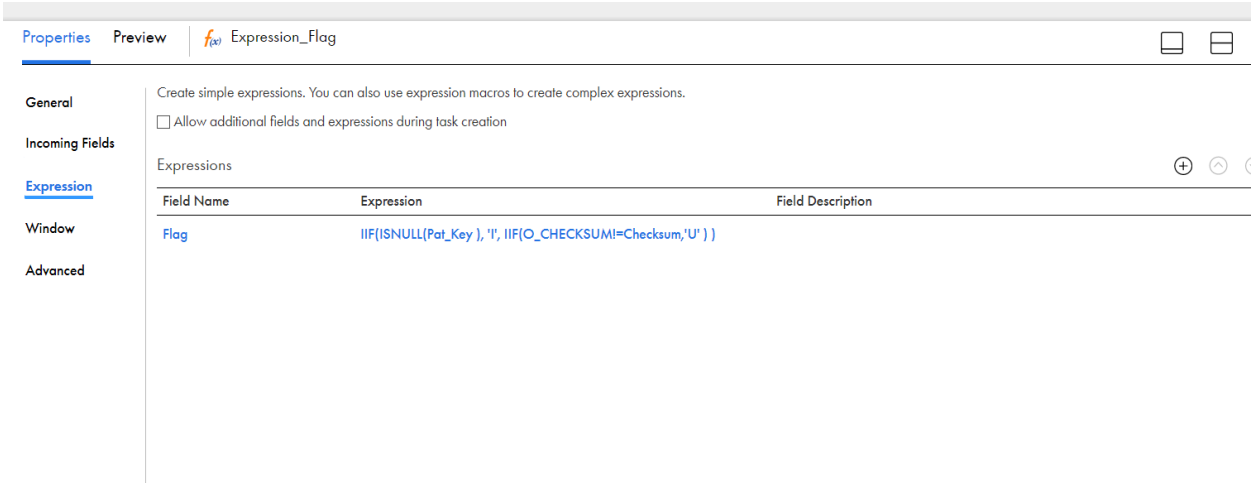
```
------SCD2 -------------
---Create destination table---

CREATE TABLE TE_FA_HEALTH_DATASET_IICS_TGT2(
    [Pat_Key] float,
    [Pat_ID] float,
    [Pat_AGE] float,
    [Pat_CATEGORY_NAME] nvarchar(255),
    [Pat_DISTRICT_NAME] nvarchar(255),
    [Pat_PREAUTH_AMT] float,
    [Pat_CLAIM_AMOUNT] float,
    [Pat_HOSP_NAME] nvarchar(255),
    [Start_date] date,
    [End_date] date,
    [Checksum] nvarchar(255)
);
```

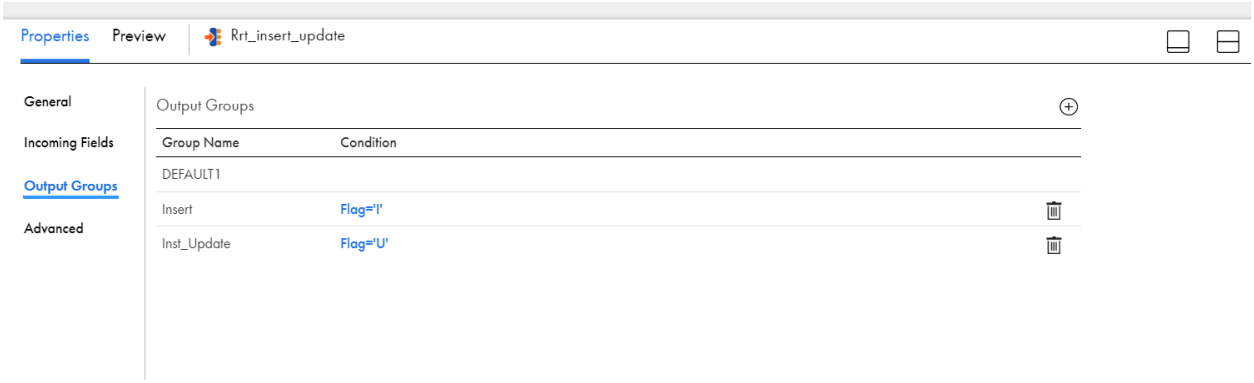




d) Expression to set flag

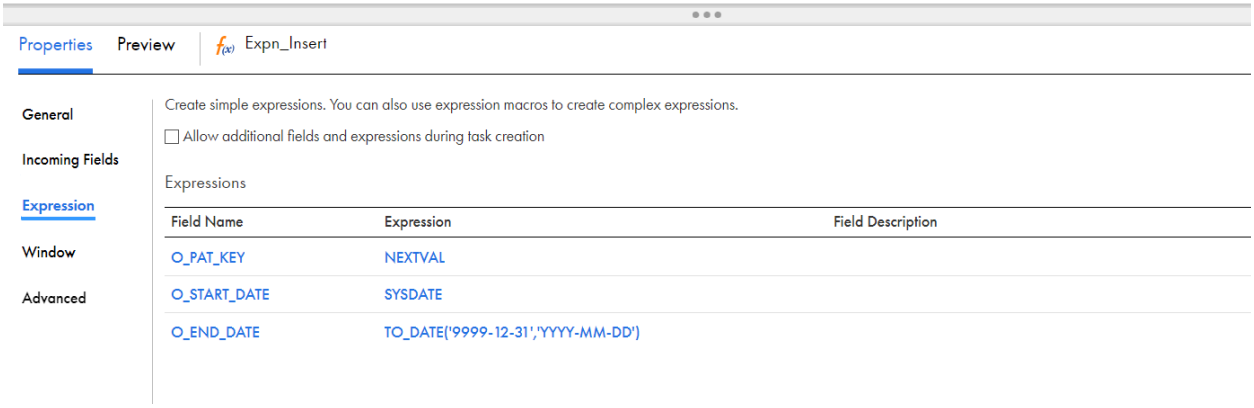


e) Router to route the data based on flag

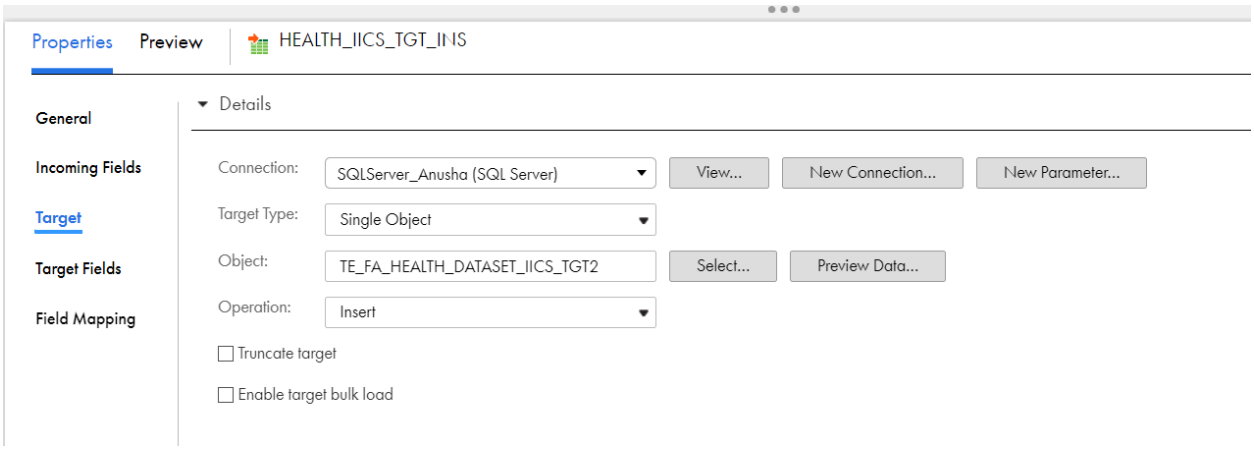


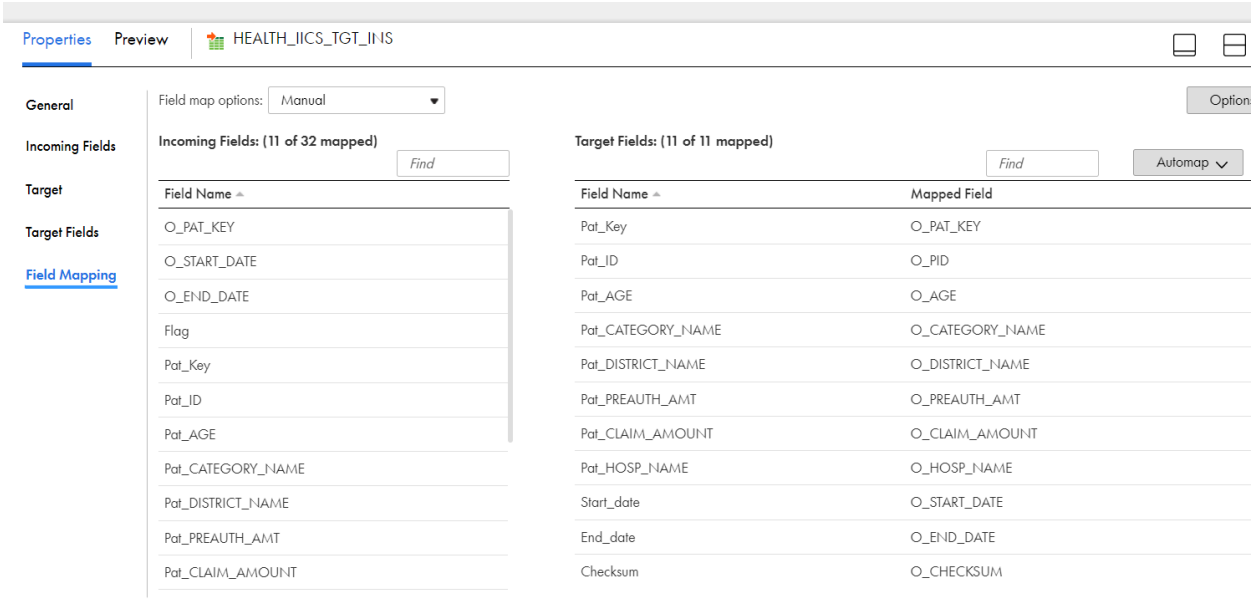
f) Sequence generator is connected to insert and insert update target.

Expression transformation to insert data.

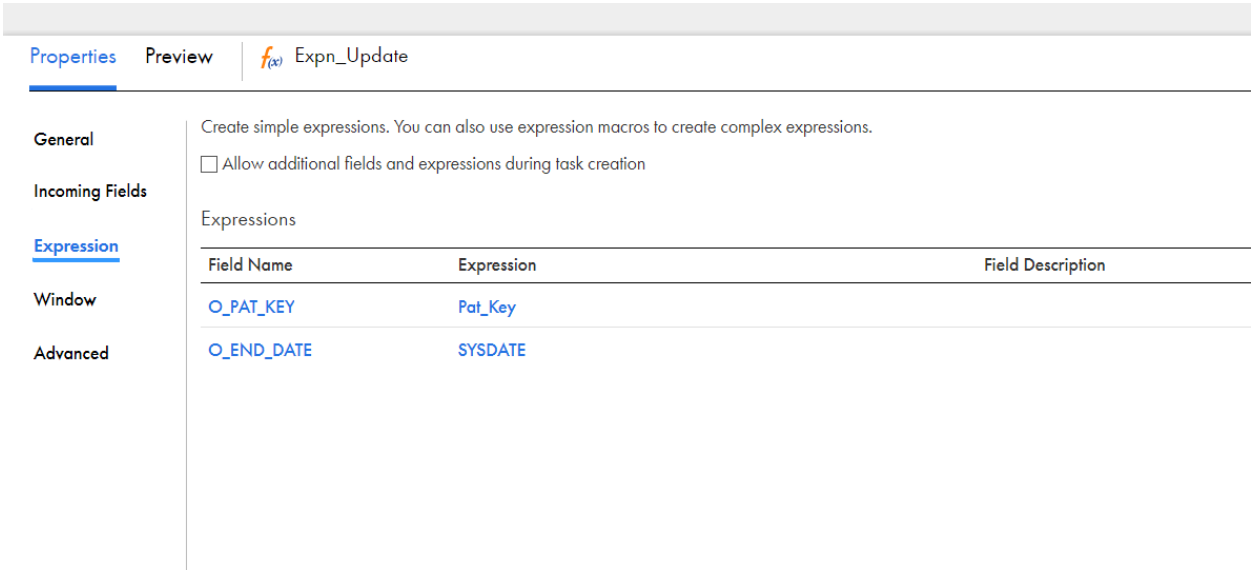


g) Target to insert data

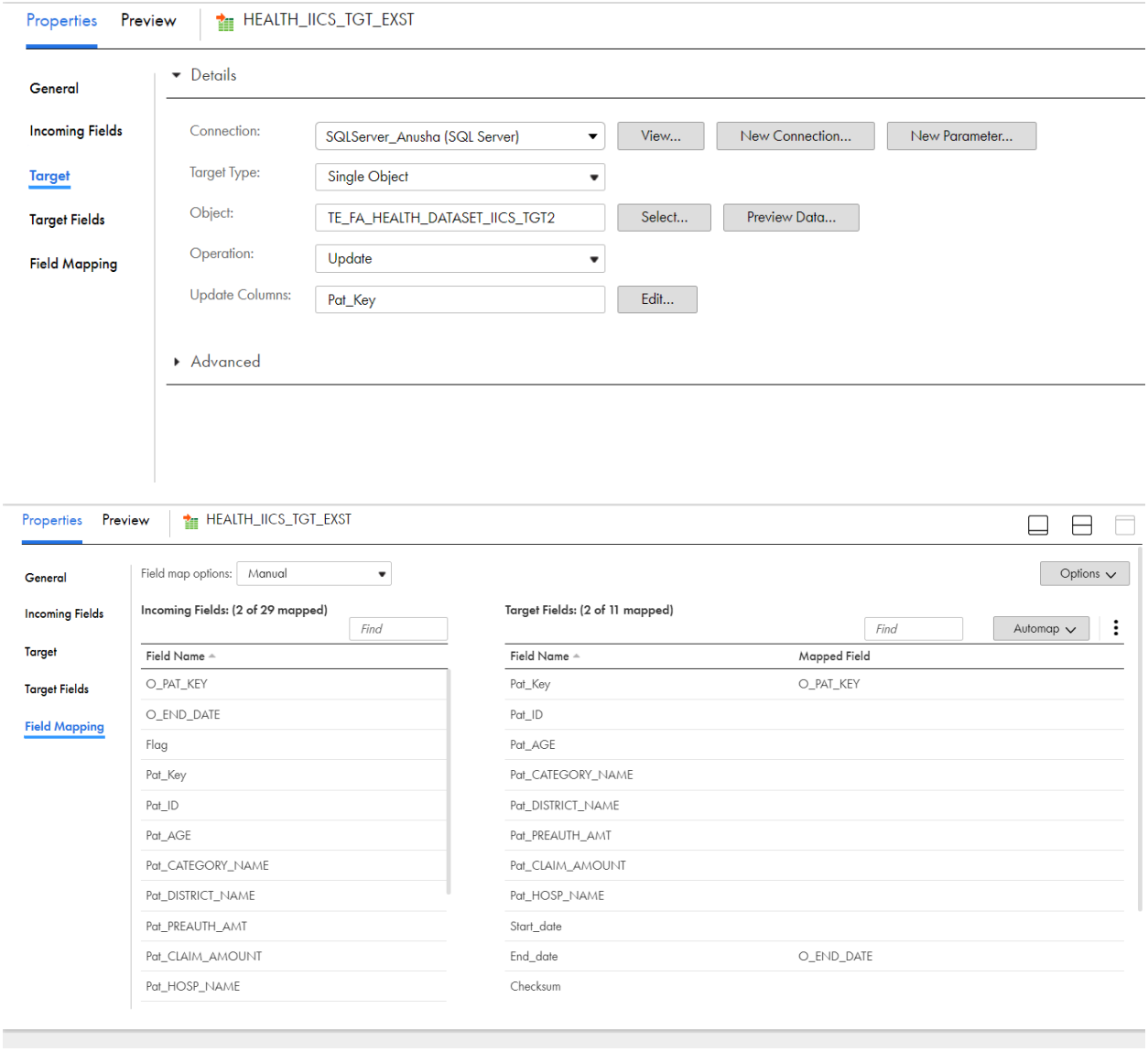




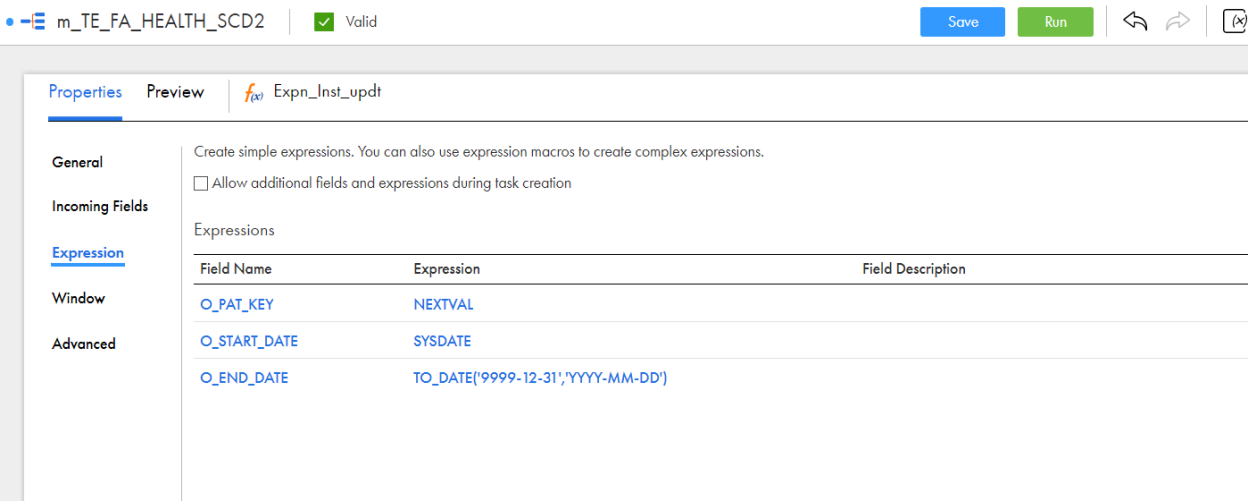
h) Expression to update data.



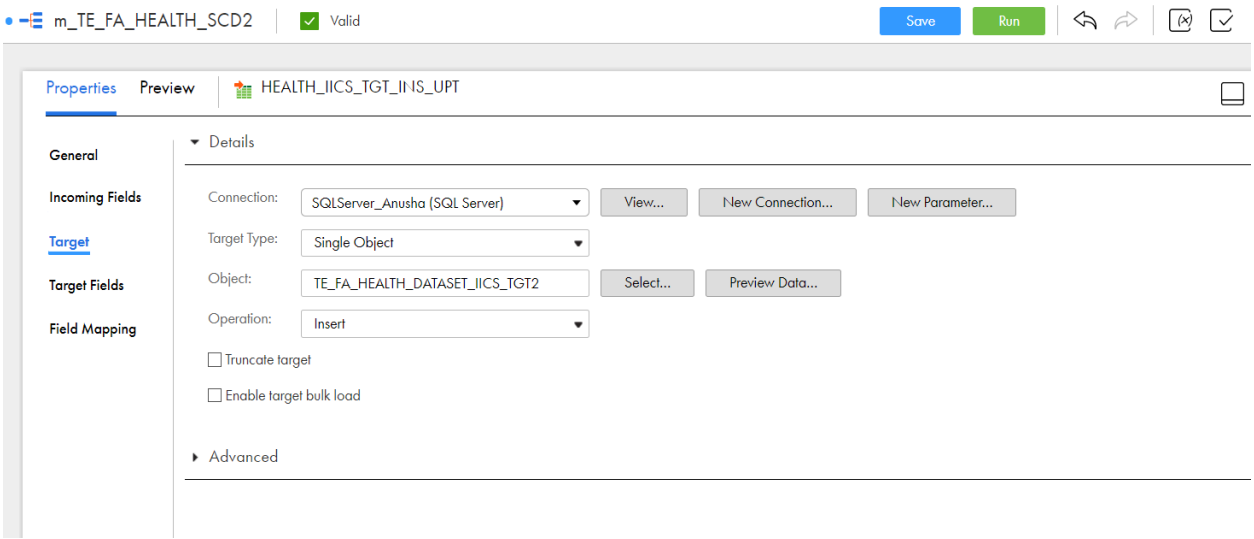
i) Select target table and map columns.

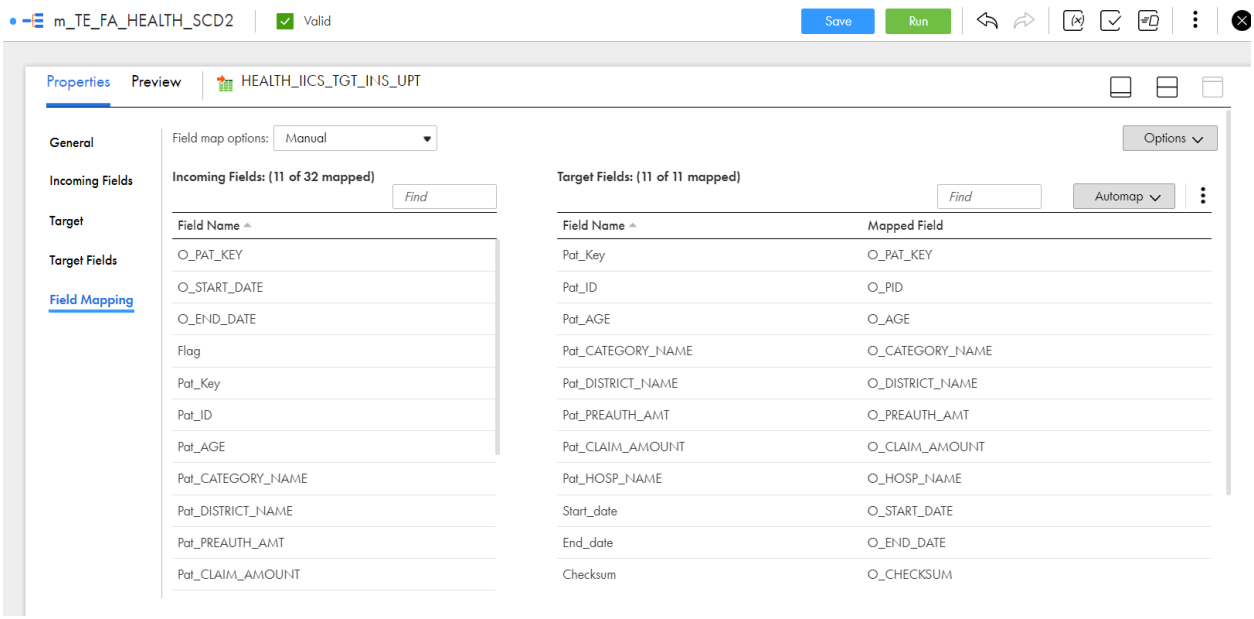


j) Select expression for insert after update

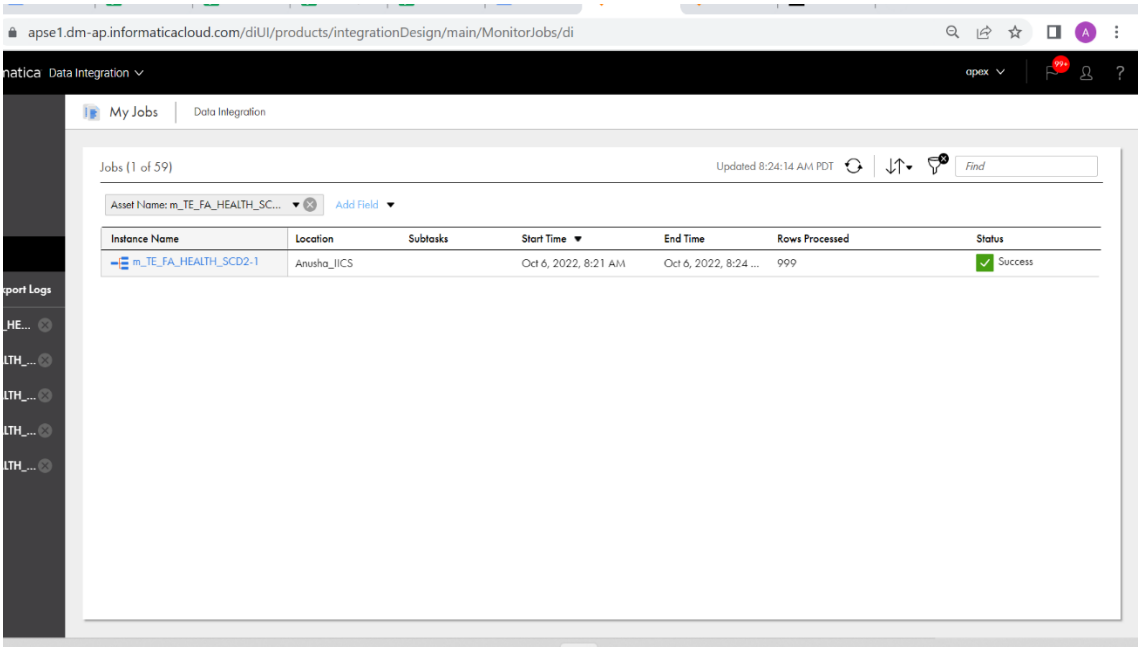


k) Select target and map columns.

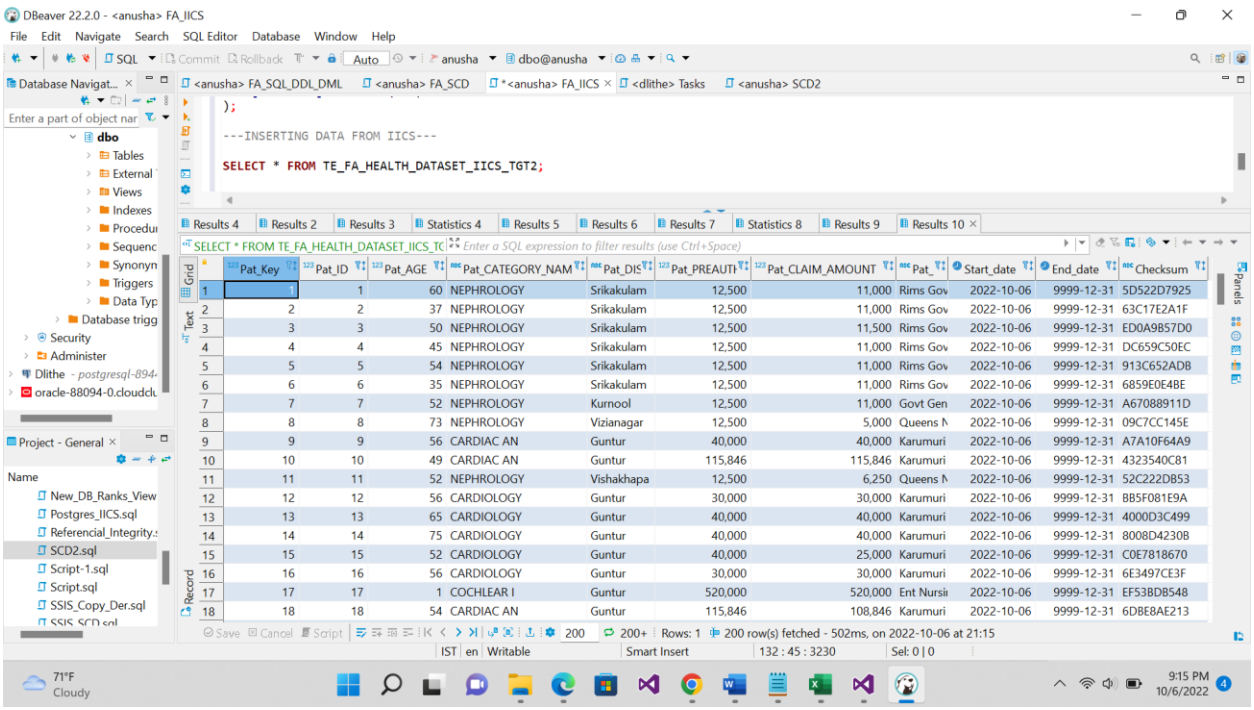




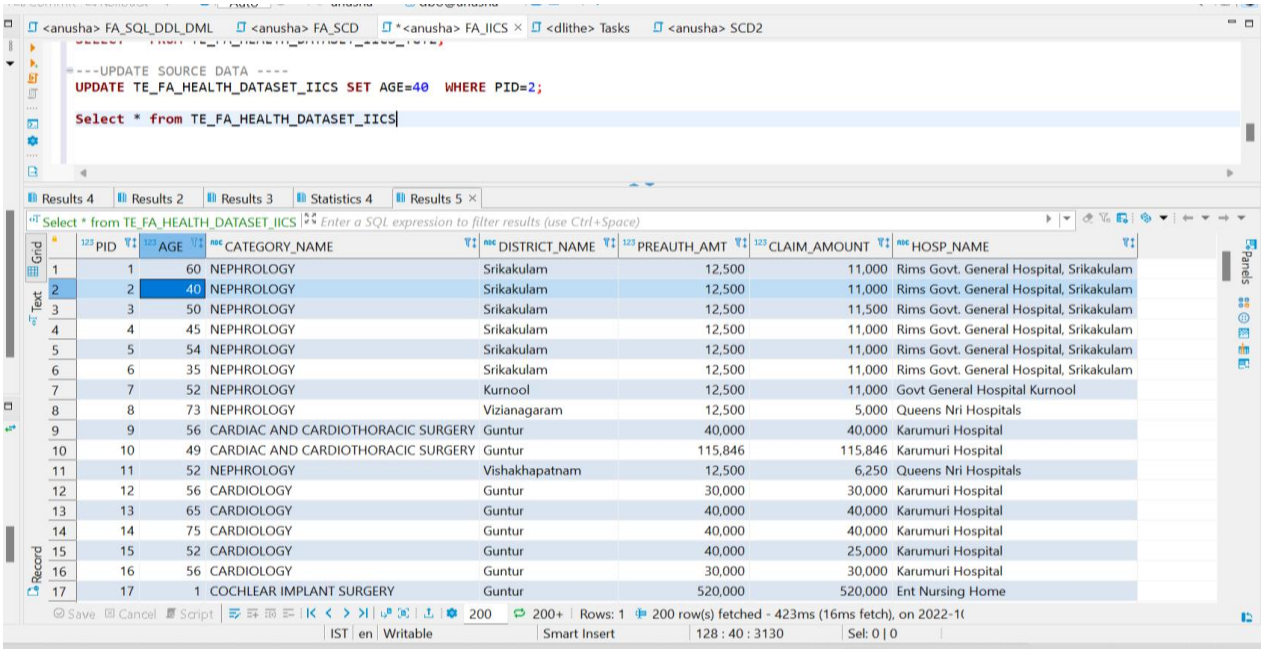
3) Save and run the task



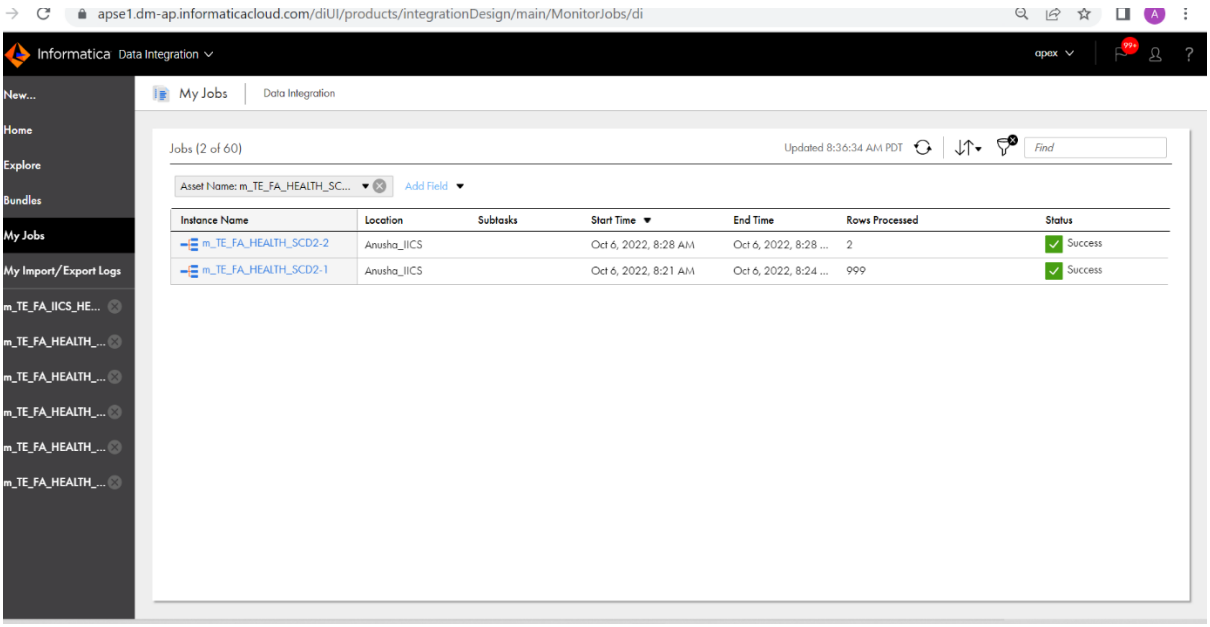
4) Target table

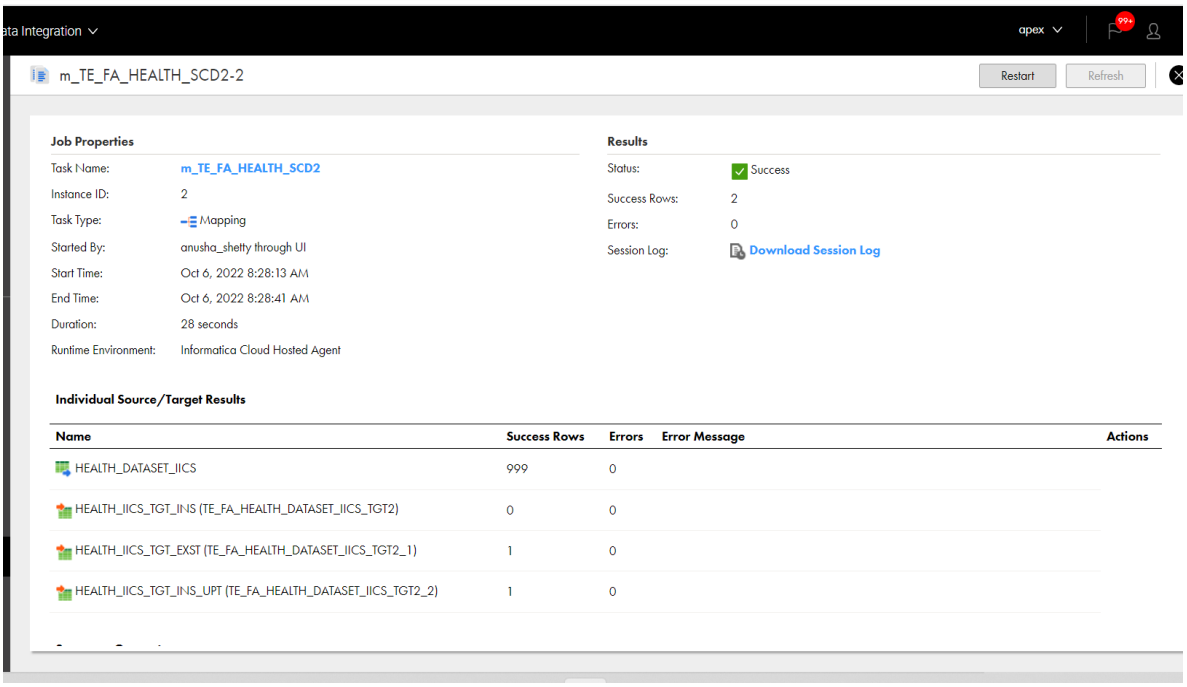


5) Update column in source table

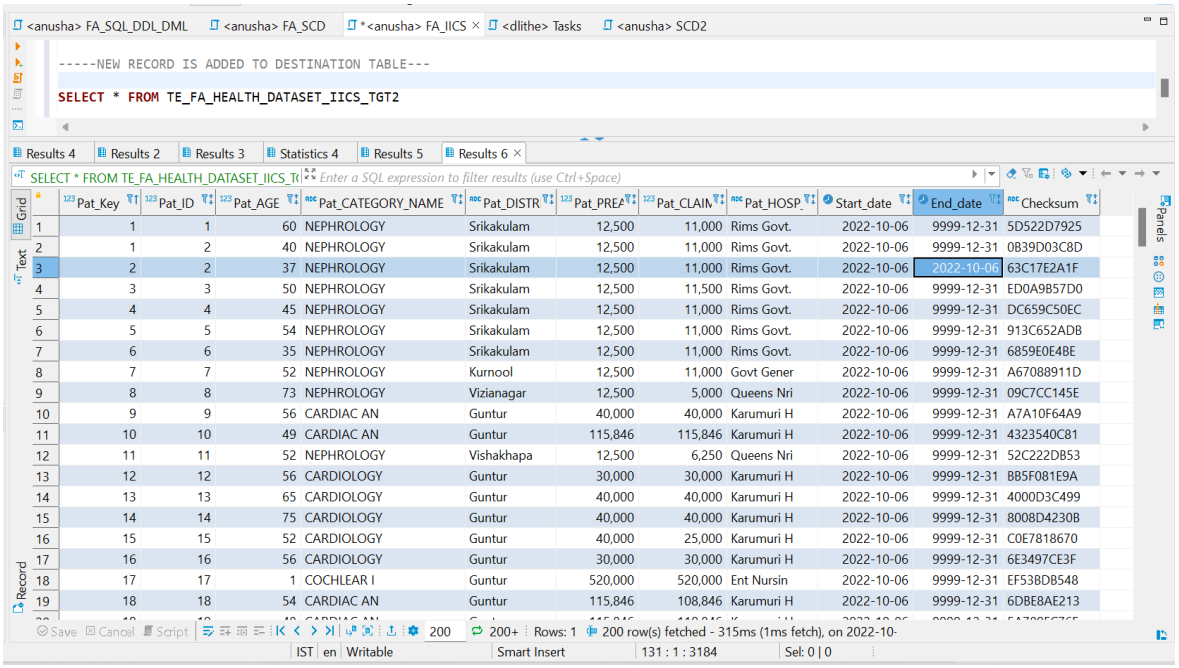


6) Run the task and retrieve the results from destination table





7) Destination table with updated results



	Pat_Key	Pat_ID	Pat_AGE	Pat_CATEGORY_NAME	Pat_DISTR	Pat_PREA	Pat_CLAIN	Pat_HOSP_	Start_date	End_date	Checksum
1	1	1	60	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	9999-12-31	5D522D7925
2	1	2	40	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	9999-12-31	0B39D03C8D
3	2	2	37	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	2022-10-06	63C17E2A1F
4	3	3	50	NEPHROLOGY	Srikakulam	12,500	11,500	Rims Govt.	2022-10-06	9999-12-31	ED0A9B57D0
5	4	4	45	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	9999-12-31	DC659C50EC
6	5	5	54	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	9999-12-31	913C652ADB
7	6	6	35	NEPHROLOGY	Srikakulam	12,500	11,000	Rims Govt.	2022-10-06	9999-12-31	6859E0E4BE
8	7	7	52	NEPHROLOGY	Kurnool	12,500	11,000	Govt Gener	2022-10-06	9999-12-31	A67088911D
9	8	8	73	NEPHROLOGY	Vizianagar	12,500	5,000	Queens Nri	2022-10-06	9999-12-31	09C7CC145E
10	9	9	56	CARDIAC AN	Guntur	40,000	40,000	Karumuri H	2022-10-06	9999-12-31	A7A10F64A9
11	10	10	49	CARDIAC AN	Guntur	115,846	115,846	Karumuri H	2022-10-06	9999-12-31	4323540C81
12	11	11	52	NEPHROLOGY	Vishakhapa	12,500	6,250	Queens Nri	2022-10-06	9999-12-31	52C222DB53
13	12	12	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri H	2022-10-06	9999-12-31	BB5F081E9A
14	13	13	65	CARDIOLOGY	Guntur	40,000	40,000	Karumuri H	2022-10-06	9999-12-31	4000D3C499
15	14	14	75	CARDIOLOGY	Guntur	40,000	40,000	Karumuri H	2022-10-06	9999-12-31	8008D4230B
16	15	15	52	CARDIOLOGY	Guntur	40,000	25,000	Karumuri H	2022-10-06	9999-12-31	C0E7818670
17	16	16	56	CARDIOLOGY	Guntur	30,000	30,000	Karumuri H	2022-10-06	9999-12-31	6E3497CE3F
18	17	17	1	COCHLEAR I	Guntur	520,000	520,000	Ent Nursin	2022-10-06	9999-12-31	EF53BDB548
19	18	18	54	CARDIAC AN	Guntur	115,846	108,846	Karumuri H	2022-10-06	9999-12-31	6DBE8AE213