

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

SORTING

The screenshot shows the Informatica Data Integration Designer interface. A mapping named 'FA_SORTING' is open. The design view displays a flow from a Source node ('FA_CINEMA_SRC') through a Sorter node to a Target node ('FA_CINEMA_DST'). The properties panel for the target node shows the name 'FA_CINEMA_DST' and lists incoming fields and target fields. Below the interface is a Windows taskbar with several open applications, including Microsoft SQL Server Management Studio.

Results 1

```

select * from TE_FA_SORTING.CINEMA
-- Enter a SQL expression to filter results (Ctrl+Space)
+-----+
| Id | Film_Type | film_code | total_sales | tickets_sold | tickets_out | show_time | occu_per | ticket_price | ticket_use | capacity | date | months |
+-----+
| 1 | Comedy    | 155       | 2,526,000   | 64          | 0           | 6           | 3,67        | 51,247,427  | 44          | 1,176      | 43,262   | 6       |
| 2 | Comedy    | 225       | 1,825,000   | 52          | 0           | 6           | 3,02        | 35,000     | 52          | 1,361      | 43,263   | 6       |
| 3 | Comedy    | 477       | 2,035,000   | 18          | 0           | 1           | 5,00        | 55,000     | 18          | 1,045      | 43,263   | 6       |
| 4 | Comedy    | 466       | 90,000      | 3           | 0           | 1           | 1,75        | 30,000     | 3           | 171        | 43,263   | 6       |
| 5 | Comedy    | 155       | 1,723,000   | 30          | 0           | 6           | 2,50        | 57,333,833  | 30          | 1,176      | 43,262   | 6       |
| 6 | Comedy    | 225       | 1,473,000   | 42          | 0           | 6           | 3,08        | 35,000     | 42          | 1,364      | 43,262   | 6       |
| 7 | Comedy    | 477       | 200,000     | 4           | 0           | 1           | 2,02        | 50,000     | 4           | 198        | 43,262   | 6       |
| 8 | Comedy    | 155       | 2,405,000   | 44          | 0           | 6           | 3,74        | 56,363,936  | 44          | 1,175      | 43,261   | 6       |
| 9 | Comedy    | 225       | 2,553,000   | 45          | 0           | 6           | 3,15        | 55,000     | 45          | 1,361      | 43,261   | 6       |
| 10 | Comedy   | 477       | 350,000    | 6           | 0           | 1           | 5,03        | 55,000     | 6           | 198        | 43,261   | 6       |
| 11 | Comedy   | 155       | 2,100,000   | 40          | 0           | 6           | 2,94        | 35,000     | 40          | 1,361      | 43,260   | 6       |
| 12 | Comedy   | 225       | 765,000     | 19          | 0           | 4           | 4,42        | 45,000     | 19          | 785        | 43,260   | 6       |
| 13 | Comedy   | 477       | 500,000     | 6           | 0           | 1           | 2,01        | 50,000     | 6           | 196        | 43,260   | 6       |
| 14 | Comedy   | 466       | 90,000      | 5           | 0           | 1           | 1,75        | 50,000     | 5           | 171        | 43,260   | 6       |
| 15 | Comedy   | 225       | 1,125,000   | 24          | 0           | 6           | 2,28        | 55,000     | 24          | 1,362      | 43,259   | 6       |
| 16 | Comedy   | 155       | 400,000     | 5           | 0           | 3           | 3,05        | 62,000     | 5           | 198        | 43,259   | 6       |
| 17 | Comedy   | 225       | 1,435,000   | 41          | 0           | 6           | 3,01        | 35,000     | 41          | 1,367      | 43,258   | 6       |
| 18 | Comedy   | 466       | 150,000     | 5           | 0           | 1           | 2,97        | 30,000     | 5           | 171        | 43,258   | 6       |
| 19 | Comedy   | 155       | 960,000    | 24          | 0           | 4           | 3,06        | 45,000     | 24          | 781        | 43,256   | 6       |
| 20 | Comedy   | 477       | 120,000    | 4           | 0           | 1           | 2,34        | 30,000     | 4           | 171        | 43,254   | 6       |

```

Results 1

```

select * from TE_FA_SORTING.CINEMA
-- Enter a SQL expression to filter results (Ctrl+Space)
+-----+
| Id | Film_Type | film_code | total_sales | tickets_sold | tickets_out | show_time | occu_per | ticket_price | ticket_use | capacity | date | months |
+-----+
| 252 | Drama    | 1471     | 210       | 2,040,000   | 28          | 0           | 1           | 16.77      | 72,957,142  | 21          | 167        | 43,252   | 6       |
| 253 | Drama    | 1471     | 144       | 1,640,000   | 23          | 0           | 1           | 16.67      | 76,67        | 23          | 30         | 43,252   | 6       |
| 254 | Drama    | 1471     | 579       | 1,740,000   | 18          | 0           | 2           | 16.67      | 96,840,127  | 18          | 64         | 43,252   | 6       |
| 255 | Drama    | 1471     | 578       | 1,690,000   | 24          | 0           | 1           | 17.64      | 57,500      | 24          | 55         | 43,252   | 6       |
| 256 | Drama    | 1471     | 162       | 720,000    | 12          | 0           | 1           | 12.4        | 60,000     | 12          | 968        | 43,252   | 6       |
| 257 | Drama    | 1471     | 448       | 24,860,000  | 229         | 0           | 6           | 19.37      | 113,000    | 229         | 1,176      | 43,251   | 5       |
| 258 | Drama    | 1471     | 304       | 13,800,000  | 92          | 0           | 1           | 62.59      | 150,000    | 92          | 147        | 43,251   | 5       |
| 259 | Drama    | 1471     | 524       | 5,095,000   | 54          | 0           | 3           | 60         | 94,259,239  | 54          | 90         | 43,251   | 5       |
| 260 | Drama    | 1471     | 73        | 4,900,000   | 70          | 0           | 4           | 17.86      | 70,000     | 70          | 392        | 43,251   | 5       |
| 261 | Drama    | 1471     | 250       | 2,200,000   | 40          | 0           | 1           | 16.67      | 45,000     | 40          | 199        | 43,251   | 5       |
| 262 | Drama    | 1471     | 163       | 2,460,000   | 25          | 0           | 3           | 19.23      | 58,400     | 25          | 130        | 43,251   | 5       |
| 263 | Drama    | 1471     | 344       | 1,600,000   | 20          | 0           | 1           | 66.67      | 80,000     | 20          | 30         | 43,251   | 5       |
| 264 | Drama    | 1471     | 529       | 1,080,000   | 10          | 0           | 2           | 10.64      | 108,000    | 10          | 94         | 43,251   | 5       |
| 265 | Drama    | 1471     | 518       | 540,000    | 9           | 0           | 2           | 8.18       | 60,000     | 9           | 110        | 43,251   | 5       |
| 266 | Drama    | 1471     | 162       | 480,000    | 8           | 0           | 3           | 0.27       | 60,000     | 8           | 2,963      | 43,251   | 5       |
| 267 | Drama    | 1471     | 362       | 500,000    | 8           | 0           | 1           | 60.00      | 40,000     | 9           | 221        | 43,251   | 5       |
| 268 | Drama    | 1471     | 448       | 6,110,000   | 70          | 0           | 5           | 7.14       | 93,000     | 70          | 109        | 43,250   | 5       |
| 269 | Drama    | 1471     | 304       | 4,650,000   | 31          | 0           | 1           | 21.09      | 150,000    | 31          | 147        | 43,250   | 5       |
| 270 | Drama    | 1471     | 302       | 3,010,000   | 28          | 0           | 3           | 31.11      | 107,500    | 28          | 90         | 43,250   | 5       |
| 271 | Drama    | 1471     | 210       | 2,985,000   | 47          | 0           | 4           | 24.61      | 62,918,234  | 47          | 191        | 43,250   | 5       |

```

DBBeaver 22.2.0 <spoorthy> TE_FA_INSRNC

File Edit Navigate Search SQL Editor Database Window Help

SQL Auto dbo@spoorthy

<online> SQL.sql <spoorthy> paten... <spoorthy> CAR... <spoorthy> INSU... <spoorthy> TE_F... <spoorthy> TE_FA... <spoorthy> SCD?

select *from TE_FA_SORTING_CINEMA

Results 1 <

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

id	film_type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_per_pax	Bucket_price	ticket_use	capacity	date	months	q1
382	Thriller	1,486	39	35,000,000	350	0	1	63.52	100,000	350	551	43,231	5	5
933	Thriller	1,486	489	9,020,000	64	0	5	51.2	140,937.5	64	125	43,231	5	5
934	Thriller	1,486	431	8,040,000	67	0	6	42.95	120,000	67	156	43,231	5	5
935	Thriller	1,486	310	2,220,000	37	0	2	4.11	60,000	37	900	43,231	5	5
936	Thriller	1,486	513	8,260,000	69	0	1	27.82	120,000	69	248	43,230	5	5
937	Thriller	1,486	489	6,750,000	45	0	5	36	150,000	45	125	43,230	5	5
938	Thriller	1,486	431	4,080,000	34	0	6	21.79	120,000	34	151	43,230	5	5
939	Thriller	1,486	310	3,240,000	34	0	2	6	60,000	34	900	43,230	5	5
990	Thriller	1,486	489	1,950,000	13	0	5	10.4	150,000	13	125	43,229	5	5
991	Thriller	1,486	474	1,840,000	23	0	1	100	80,000	23	23	43,229	5	5
992	Thriller	1,486	141	1,500,000	10	0	1	11.49	150,000	10	87	43,229	5	5
993	Thriller	1,486	431	1,320,000	11	0	6	7.95	120,000	11	156	43,229	5	5
994	Thriller	1,486	310	1,260,000	21	0	2	2.33	60,000	21	901	43,229	5	5
995	Thriller	1,486	253	770,000	11	0	3	3.86	70,000	11	285	43,229	5	5
996	Thriller	1,486	431	11,580,000	193	0	6	64.33	60,000	193	300	43,228	5	5
997	Thriller	1,486	513	11,460,000	191	0	1	81.28	60,000	191	235	43,228	5	5
998	Thriller	1,486	452	7,440,000	93	0	2	66.43	80,000	93	140	43,228	5	5
999	Thriller	1,486	141	6,960,000	67	0	1	100	80,000	67	87	43,228	5	5
1000	Thriller	1,486	489	6,320,000	80	0	5	64	79,000	80	125	43,228	5	5

1000 Rows: 1 1000 Row(s) fetched - 323ms (83ms fetch), on 2022-10-08 23:51:02 AM PDT

IST en Writable Smart Insert | Sel: 0 | 0

77°F Mostly cloudy

Perform SCD 1 & SCD2 dimension table modelling

SCD-1

Google Meet GitHub log Add files v... Google Me... Informatica... Inbox (62) Data Integrat... Meet -

apse1.dim-ap.informaticacloud.com/dli/products/integrationDesign/main/Monitor/jobs/di

YouTube New tab Gmail YouTube Maps

Informatica Data Integration

My Jobs Data Integration

Jobs (2 of 9) Updated 2:51:02 AM PDT

Asset Name: FA_SCD1_CAR	Add Field	Find				
Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
FA_SCD1_CAR_2	Spoorthy_IICS		Oct 8, 2022, 2:51 AM	Oct 8, 2022, 2:51 AM	3	Success
FA_SCD1_CAR_1	Spoorthy_IICS		Oct 8, 2022, 2:30 AM	Oct 8, 2022, 2:30 AM	1000	Success

82°F Partly sunny

**IN FA_IICS_SCD1-SRC (source table) changes are made on supplierId-1,2,3 for carprice
FA_IICS_SCD1-TGT (target table) have been updated**

DBeaver 22.2.0 - <spoorthy> TE_FA_INSRNC

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto Save spoorthy dbo_spoorthy <spoorthy> CAR... <spoorthy> TE_FA... <spoorthy> INSU... <spoorthy> TE_F... <spoorthy> TE_FA... <spoorthy> SCD2

```
select * from TE_FA_SORTING_CINEMA
SELECT * FROM FA_CAR_CONCAT

select * from FA_IICS_SCD1_TGT

select * from FA_IICS_SCD1_SRC

update FA_IICS_SCD1_SRC
set CarPrice = '1111111'
where SupplierID =1;

update FA_IICS_SCD1_SRC
set CarPrice = '2222222'
where SupplierID =2;

update FA_IICS_SCD1_SRC
set CarPrice = '3333333'
```

Results 1 Results 2 Results 3 Enter a SQL expression to filter results (use Ctrl+Space)

	ProductID_tar	SupplierName_tar	SupplierAddress_tar	SupplierContactDetails_tar	ProductID_tar	CarMaker_tar	CarModel_tar	CarColor_tar	CarModelYear_tar	CarPrice_tar
Grid	95	1 542 Dayton Center	Bubbletube	871-57-6028	8,893	Dodge	Ram 2500	Goldenrod	2,007	1,111,111 €
Text	96	2 0674 Springview Circle	Tagopia	337-64-4060	9,444	Toyota	Tundra	Crimson	2,010	222,222 €
Record	97	3 70 Autumn Leaf Center	Zoomdog	218-19-1802	253	GMC	Savana 1500	Crimson	2,011	3,333,333 €
	98	95 77436 Veith Park	Gevee	649-78-9218	9,324	Nissan	Quest	Blue	1,993	634,734.96 7
	99	96 5298 Hayes Point	Twitterlist	839-11-6693	8,159	Ford	Mustang	Maroon	1,994	798,765.11 5
	100	97 6 American Ash Plaza	Midel	429-51-4961	9,814	Lexus	GS	Puce	2,013	650,995.54 €
	101	98 94 Vahlen Street	Skilth	439-37-5086	9,174	Nissan	370Z	Mauv	2,009	734,064.83 0
	102	99 966 Fallview Plaza	Talane	766-66-2819	7,925	Jeep	Wrangler	Blue	1,998	566,961.7 0
	103	100 02122 Glass Plaza	Chumby	610-22-0007	6,205	Honda	Accord	Grey	2,002	222,222 €

SCD-2

IN FA_IICS_SCD1-SRC (source table) changes are made on supplierId-1,2,3 for quantity

```

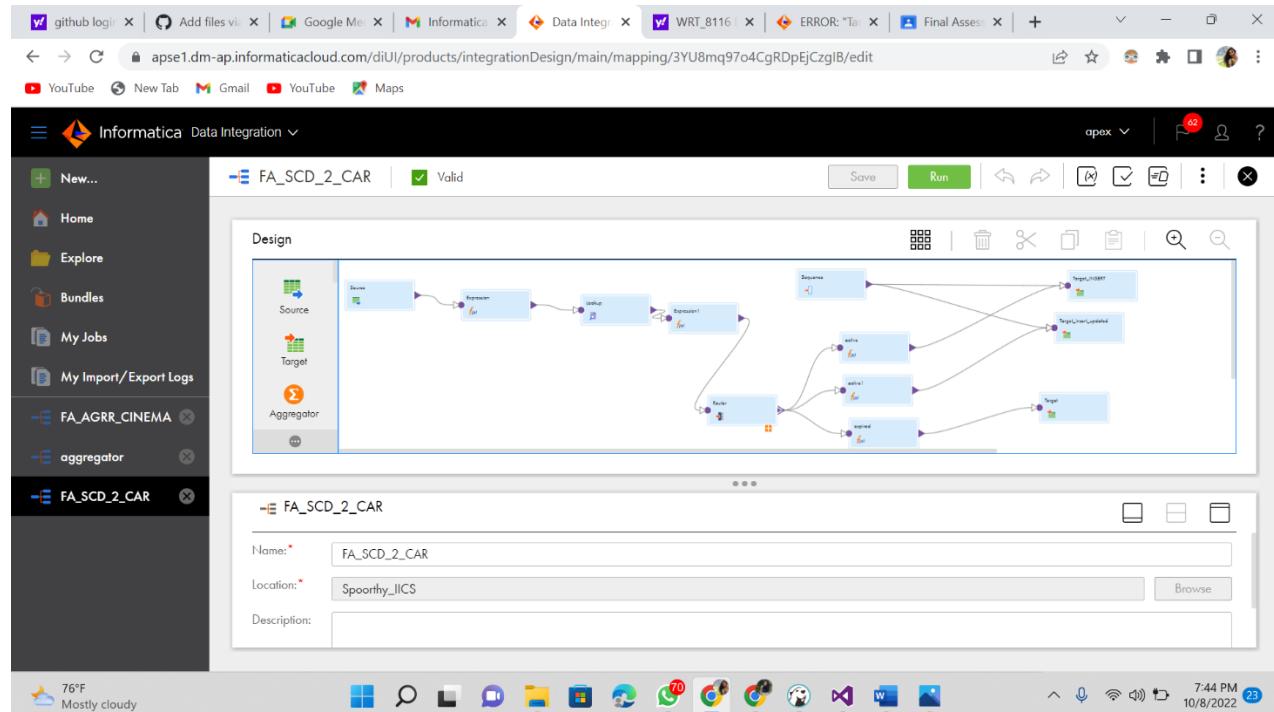
SELECT * FROM FA_LAK_LONCA1
select * from FA_SCD2_TGT
select * from FA_IICS_SCD1_SRC
update FA_IICS_SCD1_SRC
set CarPrice = '77777'
where SupplierID =1;
update FA_IICS_SCD1_SRC
set CarPrice = '2222222'
where SupplierID =2;
update FA_IICS_SCD1_SRC
set CarPrice = '888888'
where SupplierID =3;

```

Results 1 | Results 2 | Results 3

	t_OrderDate	t_OrderID	t_ShipDate	t_ShipMode	t_Shipping	t_PostalCode	t_Sales	t_Quantity	t_Discount	t_CreditCardType	t_CreditCard	t_Cust
1	43.450	0268-6694	43.538	Standard Class	Truck	99.522	744,796.41	1	0.83	diners-club-carte-blanche	30,408,000,000.000	Bad
2	43.509	0699-5728	43.530	Standard Class	Truck	56,398	794,773.17	1	0.79	jcb	3,549,220,000,000.000	Good
3	43.328	42043-251	43.485	Second Class	Air	60,674	968,244.9	1	0.28	jcb	3,557,160,000,000.000	Okay
4	43.518	57520-1044	43.540	First Class	Truck	32,885	942,213.82	2	0.76	jcb	3,529,910,000,000.000	Very Bad
5	43,349	36987-3308	43,494	Second Class	Air	48,232	879,519.57	1	0.5	china-unionpay	5,602,240,000,000.000	Bad
6	43.328	11822-0580	43,548	Standard Class	Air	31,136	947,785.4	2	0.39	laser	6,706,250,000,000.000	Good
7	43,540	24909-111	43,489	Same Day	Truck	2,208	883,836.81	2	0.79	diners-club-carte-blanche	30,528,100,000,000.000	Very Bad
8	43,281	49527-013	43,466	Second Class	Truck	25,336	779,626.29	1	0.9	icb	3,589,140,000,000.000	Bad

SCD2 IS PERFORMED



FA_SCD2-TGT (target table) have been updated

FA_SCD2-TGT (target table) have been updated

DBeaver 22.2.0 - <spoorthy> TE_FA_INSRNC

```

File Edit Navigate Search SQL Editor Database Window Help
SQL Commit Rollback Auto_ spoorthy dbo@spoorthy ...
<spoorthy> patient... <spoorthy> joins... <spoorthy> CAR... <spoorthy> TE_FA... <spoorthy> INSU... <spoorthy> TE_F... <spoorthy> TE_FA... <spoorthy> SCD2
select * from FA_SCD2_TGT
select * from FA_IICS_SCD1_SRC
update FA_IICS_SCD1_SRC
set CarPrice = '77777'
where SupplierID =1;
update FA_IICS_SCD1_SRC
set CarPrice = '2222222'
where SupplierID =2;
update FA_IICS_SCD1_SRC
set CarPrice = '888888'
where SupplierID =3;
CREATE TABLE FA_SCD2_TGT();

```

Results 1 Results 2 Results 3

select * from FA_IICS_SCD1_SRC Enter a SQL expression to filter results (use Ctrl+Space)

Grid	OrderDate	OrderID	ShipDate	ShipMode	Shipping	PostalCode	Sales	Quantity	Discount	CreditCardType	CreditCard	CustomerFeedback
Text	1	43,450 0268-6694	43,538	Standard Class	Truck	99,522	744,796.41	11	0.83	diners-club-carte-blanche	30,408,000,000,000	Bad
Text	2	43,509 0699-5728	43,530	Standard Class	Truck	56,398	794,773.17	12	0.79	jcb	3,549,220,000,000,000	Good
Text	3	43,328 42043-251	43,485	Second Class	Air	60,674	968,244.9	13	0.28	jcb	3,557,160,000,000,000	Okay
Text	4	43,518 57520-1044	43,540	First Class	Truck	32,885	942,213.82	2	0.76	jcb	3,529,910,000,000,000	Very Bad
Text	5	43,349 36987-3308	43,494	Second Class	Air	48,232	879,519.57	1	0.5	china-unionpay	5,602,240,000,000,000	Bad
Text	6	43,328 11822-0580	43,548	Standard Class	Air	31,136	947,785.4	2	0.39	laser	6,706,250,000,000,000	Good
Text	7	43,540 24909-111	43,489	Same Day	Truck	2,208	883,836.81	2	0.79	diners-club-carte-blanche	30,528,100,000,000	Very Bad
Text	8	43,281 49527-013	43,466	Second Class	Truck	25,336	779,626.29	1	0.9	icb	3,589,140,000,000,000	Bad

Save Cancel Script IST en Writable Smart Insert 6:15:110 Sel: 0 | 0

78°F Mostly cloudy 6:46 PM 10/8/2022

OLD DATA'S STATUS HAVE CHANGED TO EXPIRED

DBeaver 22.2.0 - <spoorthy> TE_FA_INSRNC

```

File Edit Navigate Search SQL Editor Database Window Help
SQL Commit Rollback Auto_ spoorthy dbo@spoorthy ...
<spoorthy> patient... <spoorthy> joins... <spoorthy> CAR... <spoorthy> TE_FA... <spoorthy> INSU... <spoorthy> TE_F... <spoorthy> TE_FA... <spoorthy> SCD2
select * from TE_FA_SORTING_CINEMA
SELECT * FROM FA_CAR_CONCAT
select * from FA_SCD2_TGT
select * from FA_IICS_SCD1_SRC
update FA_IICS_SCD1_SRC
set CarPrice = '77777'
where SupplierID =1;
update FA_IICS_SCD1_SRC
set CarPrice = '2222222'
where SupplierID =2;
update FA_IICS_SCD1_SRC
set CarPrice = '888888'
where SupplierID =3;

```

Results 1 Results 2 Results 3

select * from FA_SCD2_TGT Enter a SQL expression to filter results (use Ctrl+Space)

Grid	t_ShipMode	t_Shipping	t_PostalCode	t_Sales	t_Quantity	t_Discount	t_CreditCardType	t_CreditCard	t_CustomerFeedback	t_Checksum	t_Status
Text	96	Standard Class	Truck	56,398	794,773.17	12	0.79	jcb	3,549,220,000,000,000	Good	CA4ACB347C ACTIVE
Text	97	Second Class	Air	60,674	968,244.9	13	0.28	jcb	3,557,160,000,000,000	Okay	4E4B4784E6 ACTIVE
Text	98	Standard Class	Truck	99,522	744,796.41	1	0.83	diners-club-carte-blanche	30,408,000,000,000	Bad	AF5200CF16 EXPIRED
Text	99	Standard Class	Truck	90,025	749,917.29	1	0.83	mastercard	5,100,140,000,000,000	Very Bad	729456576 ACTIVE
Text	100	Standard Class	Truck	56,398	794,773.17	8	0.79	jcb	3,549,220,000,000,000	Good	F2D7AC6EA1 EXPIRED
Text	101	Second Class	Air	60,674	968,244.9	1	0.28	jcb	3,557,160,000,000,000	Okay	77960AEAD5 EXPIRED
Text	102	Second Class	Air	22,908	888,417.08	2	0.63	visa-electron	4,405,270,000,000,000	Good	C04F077325 ACTIVE
Text	103	Standard Class	Air	67,230	989,524.24	1	0.84	icb	3,566,810,000,000,000	Very Bad	72B76D20FD ACTIVE

Save Cancel Script IST en Writable Smart Insert 14:21:275 Sel: 0 | 0

78°F Mostly cloudy 6:50 PM 10/8/2022

AGGRAGATOR – To find total sales

Screenshot of the Informatica Data Integration interface showing a mapping named "FA_AGRR_CINEMA". The mapping consists of a Source, Aggregator, and Target. The Aggregator step contains a summation operation (Σ). The properties pane for the Target shows the "Enable target bulk load" option is checked.

Properties pane (Target tab):

- Enable target bulk load:

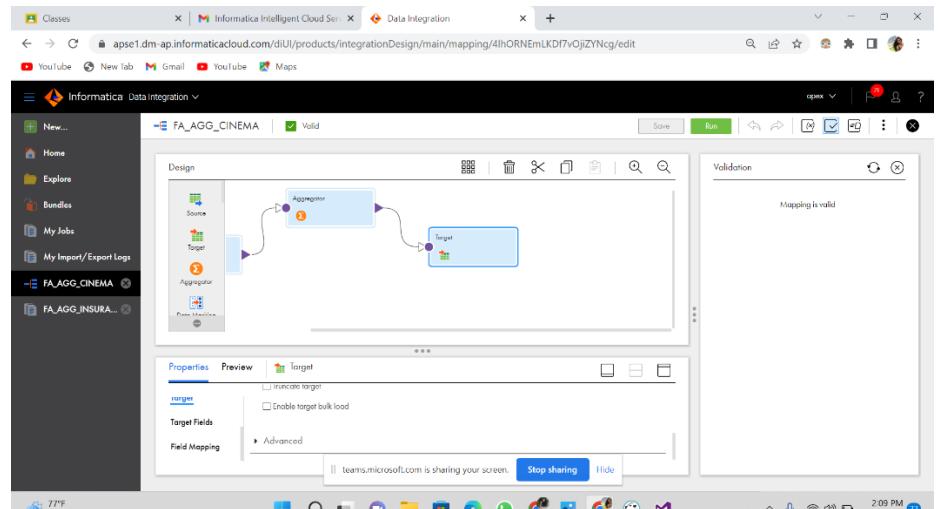
Code in DBeaver:

```
select * from TE_FA_CINEMA
SELECT Film_Type,sum_ticket_sold FROM IICS_AGG_TICKET_SOLD
```

Results Grid:

Film_Type	sum_ticket_sold
Comedy	3255.0000
Drama	7675.0000
Family	14887.0000
Horror	14305.0000
Romance	3063.0000
Thriller	16809.0000
Comedy	3255.0000
Drama	7675.0000
Family	14887.0000
Horror	14305.0000
Romance	3063.0000
Thriller	16809.0000

AGGREGATOR FOR CAR SALE -To find highest discount of each supplier



The screenshot shows the monitoring view for the 'FA_AGO_CINEMA' job. It lists 31 instances. The first instance, 'FA_AGO_CINEMA-4', has a status of 'Warning' and a warning icon. The second instance, 'FA_AGO_CINEMA-5', also has a 'Warning' status. The third instance, 'FA_AGO_CINEMA-6', has a 'Failed' status and a red error icon. The fourth instance, 'FA_AGO_CINEMA-7', has a 'Warning' status. The fifth instance, 'FA_AGO_CINEMA-8', has a 'Warning' status. The sixth instance, 'FA_AGO_CINEMA-9', has a 'Success' status and a green checkmark icon. The system tray at the bottom indicates it's 77°F and rain off and on.

The screenshot shows the DBeaver 22.2.0 interface running a SQL query. The query is as follows:

```

SELECT * FROM FA_SSR5_CAR_REPORT
SELECT * FROM FA_SSR5_CIN_TIC_REPORT
SELECT * FROM FA_AGG_MAX_DISCOUNT

```

The results table has the following columns: OrderID, ShipDate, ShipMode, Shipping, PostalCode, Sales, Quantity, Discount, CreditCardType, CreditCard, CustomerFeedback, and MAXDISC. The data includes various order details and calculated maximum discounts for each supplier. The system tray at the bottom indicates it's 77°F and rain off and on.

Create data replication task (single table and FULL DB)

The image consists of three vertically stacked screenshots of the Informatica Data Integration interface, showing the configuration of a replication task.

Screenshot 1: Edit Replication Task4

This screenshot shows the "Edit Replication Task4" dialog. The "Source" tab is selected. The "Task Details" section shows:

- Task Name: FA_Replication_CAR
- Location: Spooltry_IICS
- Description: (empty)

The "Source Details" section shows:

- Source Connection: spooltry
- Objects to Replicate:
 - All Objects (radio button)
 - Include Objects (radio button) selected, with a dropdown menu showing "FA_IICS_SCD1_SRC".

At the bottom, the "Load Type" is set to "Full load each run".

Screenshot 2: Edit FA_Replication_CAR

This screenshot shows the "Edit FA_Replication_CAR" dialog. The "Target" tab is selected. The "Target Details" section shows:

- Connection: MySQL.REVVAH
- Target Prefix: JK_
- Enable Target Bulk Load: False

The "Replication Options" section shows:

- Load Type:
 - Incremental loads after initial full load (radio button)
 - Incremental loads after initial partial load
 - Initial load: Rows created or modified after [date range]
 - Full load each run (radio button selected)
- Delete Options:
 - Remove deleted columns and rows
 - Retain deleted columns and rows

At the bottom, the "Load Type" is set to "Full load each run".

Screenshot 3: Edit FA_Replication_CAR

This screenshot shows the "Edit FA_Replication_CAR" dialog. The "Field Exclusions" tab is selected. The "Row Limit" section shows:

- Process all rows (radio button selected)
- Process only the first 100 rows

The "Data Filters" section shows:

- Object: FA_IICS_SCD1_SRC
- Filter by: Sales Greater Than 850000

At the bottom, the "Load Type" is set to "Full load each run".

The screenshot displays two windows from the Informatica Data Integration platform.

Top Window: Edit FA_Replication_CAR

This window shows the configuration for a replication task named "FA_Replication_CAR". The "Source" tab is selected. Under "Email Notifications", three email addresses are listed:

- Failure Email Notification: spoorthik.gowda1@gmail.com
- Warning Email Notification: spoorthik.gowda1@gmail.com
- Success Email Notification: spoorthik.gowda1@gmail.com

The "Execution Mode" section shows "Mode" set to "Standard". Below it, under "Target Profile", "Load Type" is set to "Full load each run", and "Delete Options" is set to "Remove deleted columns and rows".

Bottom Window: My Jobs

This window displays a list of jobs. The table shows one job entry:

Instance Name	Location	Subtasks	Start Time	End Time	Rows Processed	Status
Replication Task4-1	Spoorthy_IICS	1 task	Oct 8, 2022, 11:54 PM	Oct 8, 2022, 11:54 PM	524	Success

Screenshot of the Informatica Data Integration interface showing a task named "FA_Replication_CAR" saved successfully.

Task Details:

- Task Name: FA_Replication_CAR
- Location: Spoorfty_JICS
- Description: (empty)
- Created On: Oct 8, 2022 11:54:26 PM
- Updated On: Oct 9, 2022 12:00:30 AM
- Created By: spoorthy_gowda
- Updated By: spoorthy_gowda
- Last Run: Oct 8, 2022 11:54:36 PM

Source Details:

- Source Connection: spoorthy
- Included Objects: FA_JICS_SCD1_SRC
- Stop on Error: Cancel processing the remaining objects

Target Details:

- Target Connection: MSQL_REWAN
- Target Prefix: JK_
- Load Type: Full load each run
- Delete Options: Remove deleted columns and rows

DBBeaver 22.2.0 - <dlithe> SQL.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto dlithe dbo@dlithe

```


--><dlithe> SQL> spool <spoolthy> patie... <spoolthy> joins... <spoolthy> CARE... <spoolthy> TE_FA... <spoolthy> INSU... <spoolthy> TE_F... <spoolthy> TE_FA... <spoolthy> SCD2
--> spool off
--> insert into <spoolthy> values (4, 1000, 1000), (4, 1000, 1000), (4, 1000, 1000)
--> (4, '5000', '40000'), (1, '4000', '30000')

select * from JK_FA_IICS_SCD1_SRC jfiss


```

Results 1

ERDATE	ORDERID	SHIPDATE	SHIPLMODE	SHIPPING	POSTALCODE	SALES	QUANTITY	DISCOUNT	CREDITCARDTYPE	CREDITCARD	CUSTOMERFEED
1	43,328	42043-251	43,485	Second Class	Air	60,674	968,244.9	13	0.28 jcb	3,557,160,000,000,000	Okay
2	43,518	57520-1044	43,540	First Class	Truck	32,885	942,213.82	2	0.76 jcb	3,529,910,000,000,000	Very Bad
3	43,349	36987-3308	43,494	Second Class	Air	48,232	879,519.57	1	0.5 china-unionpay	5,602,240,000,000,000	Bad
4	43,328	11822-0580	43,548	Standard Class	Air	31,136	947,785.4	2	0.39 laser	6,706,250,000,000,000	Good
5	43,540	24909-111	43,489	Same Day	Truck	2,208	883,836.81	2	0.79 diners-club-carte-blanche	30,528,100,000,000,000	Very Bad
6	43,428	45802-283	43,520	Standard Class	Truck	95,113	902,866.47	1	0.61 jcb	3,534,730,000,000,000	Very Bad
7	43,608	50563-202	43,553	Same Day	Air	7,112	932,957.69	1	0.62 diners-club-enroute	201,441,000,000,000	Very Bad
8	43,633	54868-6162	43,486	Second Class	Truck	25,331	856,186.55	2	0.81 diners-club-enroute	201,524,000,000,000	Good
9	43,437	65862-082	43,617	Same Day	Air	37,416	948,098.46	2	0.84 visa	4,041,370,000,000	Good
10	43,318	50169-0005	43,517	Same Day	Air	45,470	856,069.09	2	0.63 china-unionpay	5,602,210,000,000,000	Very Good
11	43,416	57955-2282	43,548	Standard Class	Truck	21,405	927,054.81	2	0.83 jcb	3,585,380,000,000,000	Bad
12	43,437	28107-003	43,616	Second Class	Air	47,405	979,571.33	2	0.4 china-unionpay	16,022,100,000,000,000	Bad
13	43,618	59779-169	43,522	Same Day	Air	21,281	939,816.56	2	0.27 china-unionpay	16,022,500,000,000,000	Very Bad
14	43,471	0527-1366	43,526	First Class	Air	33,158	935,633.27	2	0.5 jcb	3,570,490,000,000,000	Very Bad
15	43,593	37012-160	43,528	Standard Class	Air	20,442	936,358.16	2	0.8 bankcard	5,602,220,000,000,000	Okay
16	43,432	54868-4525	43,551	Standard Class	Air	68,531	863,444.64	2	0.89 jcb	3,586,990,000,000,000	Very Good
17	43,443	65342-1377	43,540	Standard Class	Truck	78,783	935,827.84	2	0.66 jcb	3,530,360,000,000,000	Good
18	43,392	37000-069	43,474	First Class	Air	11,215	904,657.67	2	0.52 jcb	3,530,470,000,000,000	Very Bad

Save Cancel Script | IST en Writable Smart Insert | Sel: 0 | 10/9/2022 12:29 PM

REPLICATION FOR FULL DB

