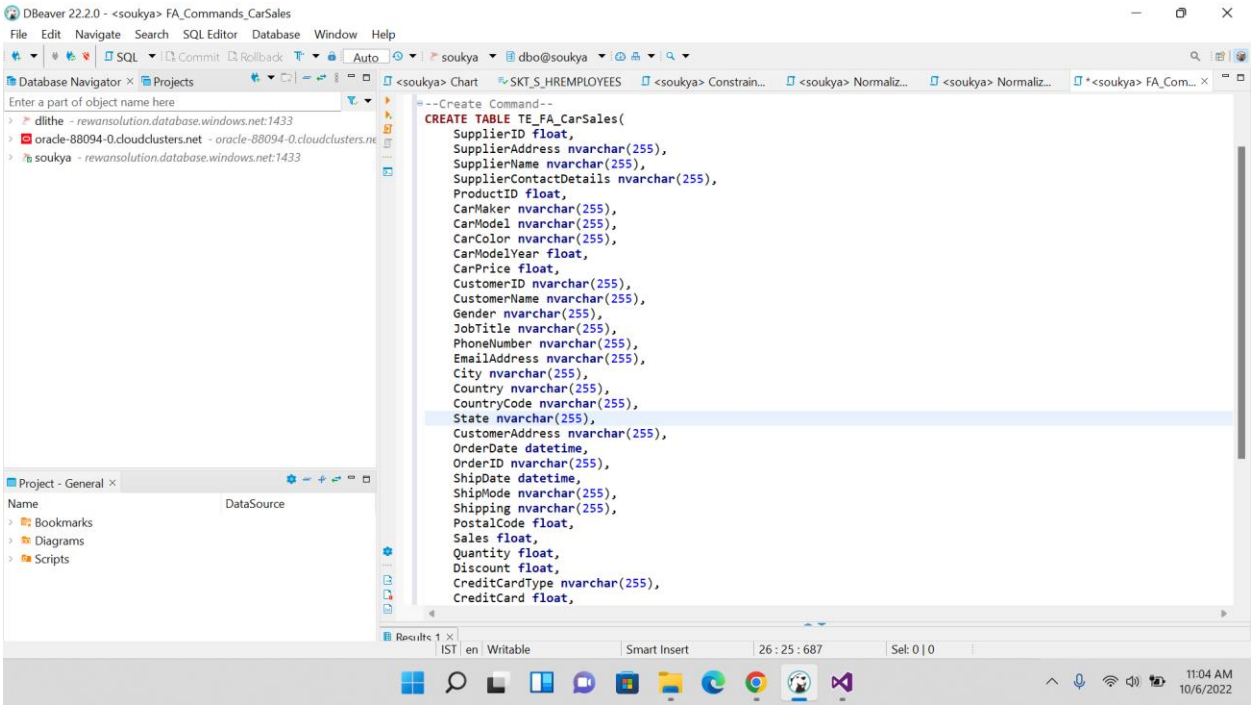
Module 1

Task 2

Using transaction table perform various operations (DDL, DML)

1)DDL and DML commands for first data source – Car Sales

DDL Commands



DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
    Gender nvarchar(255),
    JobTitle nvarchar(255),
    PhoneNumber nvarchar(255),
    EmailAddress nvarchar(255),
    City nvarchar(255),
    Country nvarchar(255),
    CountryCode nvarchar(255),
    State nvarchar(255),
    CustomerAddress nvarchar(255),
    OrderDate datetime,
    OrderID nvarchar(255),
    ShipDate datetime,
    ShipMode nvarchar(255),
    Shipping nvarchar(255),
    PostalCode float,
    Sales float,
    Quantity float,
    Discount float,
    CreditCardType nvarchar(255),
    CreditCard float,
    CustomerFeedback nvarchar(255)
)
```

select * from TE_FA_CarSales

SupplierID	SupplierAddress	SupplierName	SupplierContactDetails	ProductID	CarMaker	CarModel	CarColor

No data- 258ms, on 2022-10-06 at 11:03:40

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
    ShipDate datetime,
    ShipMode nvarchar(255),
    Shipping nvarchar(255),
    PostalCode float,
    Sales float,
    Quantity float,
    Discount float,
    CreditCardType nvarchar(255),
    CreditCard float,
    CustomerFeedback nvarchar(255)
)

--Drop Command--
Drop Table TE_FA_CarSales

--Alter Command--
--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null

select * from TE_FA_CarSales
```

select * from TE_FA_CarSales

PostalCode	Sales	Quantity	Discount	CreditCardType	CreditCard	CustomerFeedback	Car_Origin_Country

No data- 198ms, on 2022-10-06 at 11:04:44

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
        Quantity float,
        Discount float,
        CreditCardType nvarchar(255),
        CreditCard float,
        CustomerFeedback nvarchar(255)
    )

--Drop Command--
Drop Table TE_FA_CarSales

--Alter Command--

--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null

select * from TE_FA_CarSales

--Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country
```

Results 1

select * from TE_FA_CarSales

ipMode	Shipping	PostalCode	Sales	Quantity	Discount	CreditCardType	CreditCard	CustomerFeedback

Rows: 0 No data- 200ms, on 2022-10-06 at 11:07:11

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
--Drop Command--
Drop Table TE_FA_CarSales

--Alter Command--

--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null

select * from TE_FA_CarSales

--2) Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country

--Rename Command

--Renaming Table--
EXEC sp_rename 'TE_FA_CarSales' , 'TE_FA_CarSales_Shipment'

select * from TE_FA_CarSales_Shipment
```

Results 1

select * from TE_FA_CarSales_Shipment

SupplierID	SupplierAddress	SupplierName	SupplierContactDetails	ProductID	CarMaker	CarModel	CarColor

Rows: 0 No data- 206ms, on 2022-10-06 at 11:26:38

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
--Alter Command--

--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null


--2) Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country

--Rename Command

--1) Rename Table--
EXEC sp_rename 'TE_FA_CarSales' , 'TE_FA_CarSales_Shipment'


--2) Rename Column--
exec sp_rename 'TE_FA_CarSales_Shipment.SupplierContactDetails','Supplier_Contact_Phone','Column'

select * from TE_FA_CarSales_Shipment
```

select * from TE_FA_CarSales_Shipment

SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor

Rows: 0 No data- 206ms, on 2022-10-06 at 11:32:09

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null


--2) Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country

--Rename Command

--1) Rename Table--
EXEC sp_rename 'TE_FA_CarSales' , 'TE_FA_CarSales_Shipment'


--2) Rename Column--
exec sp_rename 'TE_FA_CarSales_Shipment.SupplierContactDetails','Supplier_Contact_Phone','Column'

--Truncate Table--
select * from TE_FA_CarSales_Shipment
```

select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Custo
514	514	5031 Bluestem Circle	Quimba	135-43-7540	69	Audi	Allroad	Aquamarine	2,005	668,880.58	64942-1305	Michael
515	515	6887 Basil Circle	Voonix	547-76-0965	3,753	Volvo	XC60	Purple	2,012	739,155.3	49288-0591	Becka B
516	516	10788 Cody Alley	Twitterbeat	881-02-8632	1,031	Buick	Century	Purple	2,002	709,582.06	54868-1590	Kaela O
517	517	473 Norway Maple Ter	Meetz	306-07-7616	7,882	Mercury	Capri	Pink	1,986	702,527.3	68788-9203	Lazaro

Rows: 0 600 row(s) fetched - 800ms (417ms fetch), on 2022-

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
Alter table TE_FA_CarSales
add Car_Origin_Country nvarchar(255) not null


--2) Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country

--Rename Command

--1) Rename Table--
EXEC sp_rename 'TE_FA_CarSales' , 'TE_FA_CarSales_Shipment'


--2) Rename Column--
exec sp_rename 'TE_FA_CarSales_Shipment.SupplierContactDetails','Supplier_Contact_Phone','Column'


--Truncate Table--
select * from TE_FA_CarSales_Shipment

truncate table TE_FA_CarSales_Shipment
```

Results 1

select * from TE_FA_CarSales_Shipment

SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Custome

Rows: 0 No data- 240ms, on 2022-10-06 at 11:43:05

68 : 1 [38] Sel: 38 | 1

11:43 AM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

```
--2) Delete Column--
Alter table TE_FA_CarSales
drop column Car_Origin_Country

--Rename Command

--1) Rename Table--
EXEC sp_rename 'TE_FA_CarSales' , 'TE_FA_CarSales_Shipment'


--2) Rename Column--
exec sp_rename 'TE_FA_CarSales_Shipment.SupplierContactDetails','Supplier_Contact_Phone','Column'


--Truncate Table--
select * from TE_FA_CarSales_Shipment

truncate table TE_FA_CarSales_Shipment

--Comments--
By using Hypen sign(--) we can use comments in script
```

Results 1

select * from TE_FA_CarSales_Shipment

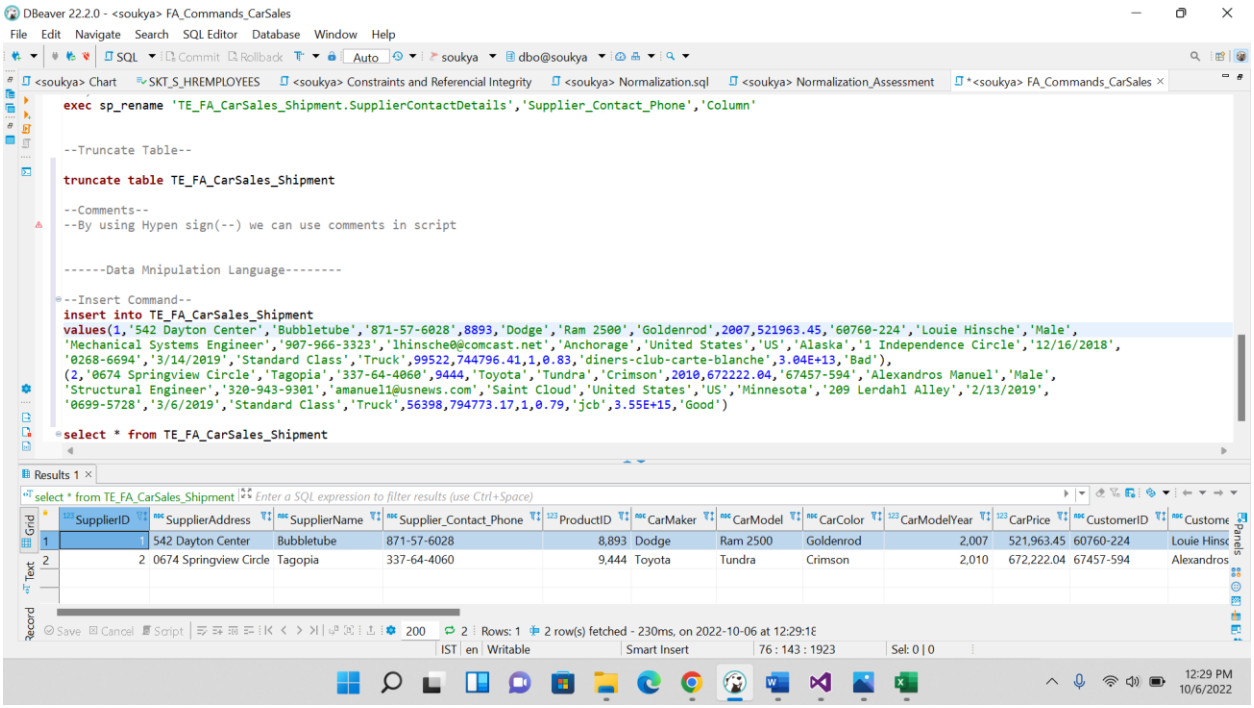
SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Custome

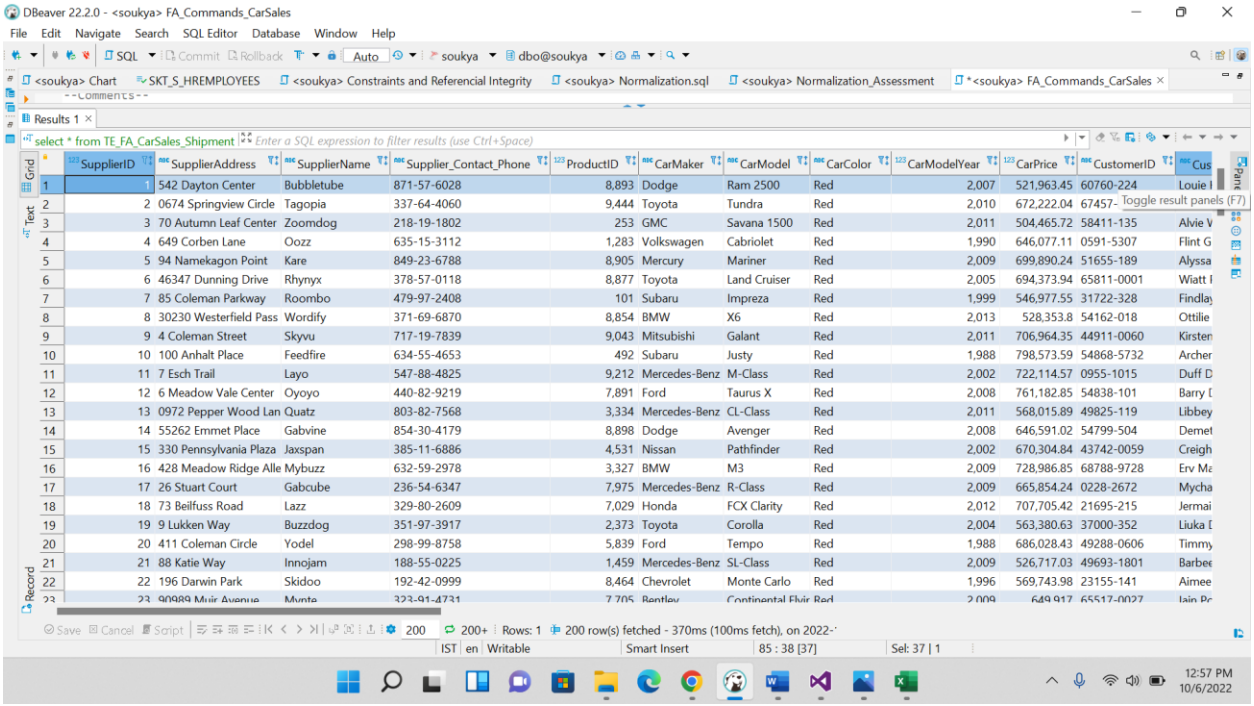
Rows: 0 No data- 201ms, on 2022-10-06 at 12:09:18

69 : 1 [67] Sel: 67 | 2

12:09 PM 10/6/2022

DML Commands





DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
truncate table TE_FA_CarSales_Shipment

--Comments--
--By using Hypen sign(--) we can use comments in script


------Data Mnipulation Language--------

--Insert Command--
insert into TE_FA_CarSales_Shipment
values(1,'542 Dayton Center','Bubbletube','871-57-6028',8893,'Dodge','Ram 2500','Goldenrod',2007,521963.45,'60760-224','Louie Hinsche','Male',
'Mechanical Systems Engineer','907-966-3323','lhinsche@comcast.net','Anchorage','United States','US','Alaska','1 Independence Circle','12/16/2018',
'0268-6694','3/14/2019','Standard Class','Truck',99522,744796.41,1,0.83,'diners-club-carte-blanche',3.04E+13,'Bad'),
(2,'0674 Springview Circle','Tagopia','337-64-4060',9444,'Toyota','Tundra','Crimson',2010,672222.04,'67457-594','Alexandros Manuel','Male',
'Structural Engineer','320-943-9301','amanuel1@usnews.com','Saint Cloud','United States','US','Minnesota','209 Lerdahl Alley','2/13/2019',
'0699-5728','3/6/2019','Standard Class','Truck',56398,794773.17,1,0.79,'jcb',3.55E+15,'Good')

--Update Command--

select * from TE_FA_CarSales_Shipment

--1) Updating Entire Column--
update TE_FA_CarSales_Shipment set CarColor = 'Red'

--2) Updating 2 columns at a time--
update TE_FA_CarSales_Shipment set CarColor = 'Black',Supplier_Contact_Phone = '188-55-0225'
```

Results 1

select * from TE_FA_CarSales_Shipment

SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Custo

Rows: 1 | 200 row(s) fetched - 377ms (65ms fetch), on 2022-1(

IST | en | Writable | Smart Insert | 91 : 1 [92] | Sel: 92 | 1

1:00 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

Results 1

select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Custo
1	1	542 Dayton Center	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie H
2	2	0674 Springview Circle	Tagopia	188-55-0225	9,444	Toyota	Tundra	Black	2,010	672,222.04	67457-594	Alexanc
3	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie W
4	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint Gu
5	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Black	2,009	699,890.24	51655-189	Alyssa I
6	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Black	2,005	694,373.94	65811-0001	Wiatt P
7	7	85 Coleman Parkway	Roombo	188-55-0225	101	Subaru	Impreza	Black	1,999	546,977.55	31722-328	Findlay
8	8	30230 Westerfield Pass	Wordify	188-55-0225	8,854	BMW	X6	Black	2,013	528,353.8	54162-018	Ottilie V
9	9	4 Coleman Street	Skyvu	188-55-0225	9,043	Mitsubishi	Galant	Black	2,011	706,964.35	44911-0060	Kirsten
10	10	100 Anhalt Place	Feedfire	188-55-0225	492	Subaru	Justy	Black	1,988	798,573.59	54868-5732	Archer I
11	11	7 Esch Trail	Layo	188-55-0225	9,212	Mercedes-Benz	M-Class	Black	2,002	722,114.57	0955-1015	Duff Dc
12	12	6 Meadow Vale Center	Oyoyo	188-55-0225	7,891	Ford	Taurus X	Black	2,008	761,182.85	54838-101	Barry D
13	13	0972 Pepper Wood La	Quatz	188-55-0225	3,334	Mercedes-Benz	CL-Class	Black	2,011	568,015.89	49825-119	Libbey
14	14	55262 Emmet Place	Gabvine	188-55-0225	8,898	Dodge	Avenger	Black	2,008	646,591.02	54799-504	Demetr
15	15	330 Pennsylvania Plaza	Jaxspan	188-55-0225	4,531	Nissan	Pathfinder	Black	2,002	670,304.84	43742-0059	Creigh
16	16	428 Meadow Ridge All	Mybuzz	188-55-0225	3,327	BMW	M3	Black	2,009	728,986.85	68788-9728	Erv Mar
17	17	26 Stuart Court	Gabcube	188-55-0225	7,975	Mercedes-Benz	R-Class	Black	2,009	665,854.24	0228-2672	Mychal
18	18	73 Beilfuss Road	Lazz	188-55-0225	7,029	Honda	FCX Clarity	Black	2,012	707,705.42	21695-215	Jermain
19	19	9 Lukken Way	Buzzdog	188-55-0225	2,373	Toyota	Corolla	Black	2,004	563,380.63	37000-352	Liuka D
20	20	411 Coleman Circle	Yodel	188-55-0225	5,839	Ford	Tempo	Black	1,988	686,028.43	49288-0606	Timmy
21	21	88 Katie Way	Innojam	188-55-0225	1,459	Mercedes-Benz	SL-Class	Black	2,009	526,717.03	49693-1801	Barbee
22	22	196 Darwin Park	Skidoo	188-55-0225	8,464	Chevrolet	Monte Carlo	Black	1,996	569,743.98	23155-141	Aimee (
23	23	90989 Muir Avenue	Munto	188-55-0225	7,705	Bentley	Continental Flyin	Black	2,009	649,917	65517-0027	Iain Bel

Rows: 1 | 200 row(s) fetched - 377ms (65ms fetch), on 2022-1(

IST | en | Writable | Smart Insert | 91 : 1 [92] | Sel: 92 | 1

1:00 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
(2,'0674 Springview Circle','Tagopia','337-64-4060',9444,'Toyota','Tundra','Crimson',2010,672222.04,'67457-594','Alexandros Manuel','Male',
'Structural Engineer','320-943-9301','amanuel1@usnews.com','Saint Cloud','United States','US','Minnesota','209 Lerdahl Alley','2/13/2019',
'0699-5728','3/6/2019','Standard Class','Truck',56398,794773.17,1,0.79,'jcb',3.55E+15,'Good')

--Update Command--

select * from TE_FA_CarSales_Shipment

--1) Updating Entire Column--
update TE_FA_CarSales_Shipment set CarColor = 'Red'

--2) Updating 2 columns at a time--
update TE_FA_CarSales_Shipment set CarColor = 'Black',Supplier_Contact_Phone = '188-55-0225'

--3) Update Table--
update TE_FA_CarSales_Shipment set CarColor = 'Crimson' where SupplierID = 5
```

Results 1

select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Cus
1	1	542 Dayton Center	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie
2	2	0674 Springview Circle	Tagopia	188-55-0225	9,444	Toyota	Tundra	Black	2,010	672,222.04	67457-594	Alexan
3	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie V
4	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint G
5	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Crimson	2,009	699,890.24	51655-189	Alyssa
6	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Black	2,005	694,373.94	65811-0001	Wiatt
7	7	85 Coleman Parkway	Roombo	188-55-0225	101	Subaru	Impreza	Black	1,999	546,977.55	31722-328	Findla
8	8	30230 Westerfield Pass	Wordify	188-55-0225	8,854	BMW	X6	Black	2,013	528,353.8	54162-018	Ottilie

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 503ms (31ms fetch), on 2022-1(

IST en Writable Smart Insert 94 : 77 [76] Sel: 76 | 1

1:04 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
'0268-6694','3/14/2019','Standard Class','Truck',99522,744796.41,1,0.83,'diners-club-carte-blanche',3.04E+13,'Bad'),
(2,'0674 Springview Circle','Tagopia','337-64-4060',9444,'Toyota','Tundra','Crimson',2010,672222.04,'67457-594','Alexandros Manuel','Male',
'Structural Engineer','320-943-9301','amanuel1@usnews.com','Saint Cloud','United States','US','Minnesota','209 Lerdahl Alley','2/13/2019',
'0699-5728','3/6/2019','Standard Class','Truck',56398,794773.17,1,0.79,'jcb',3.55E+15,'Good')

--Update Command--

--1) Updating Entire Column--
update TE_FA_CarSales_Shipment set CarColor = 'Red'

--2) Updating 2 columns at a time--
update TE_FA_CarSales_Shipment set CarColor = 'Black',Supplier_Contact_Phone = '188-55-0225'

--3) Update Table--
update TE_FA_CarSales_Shipment set CarColor = 'Crimson' where SupplierID = 5

--4) Update Multiple Records--
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where CarMaker = 'Toyota'
```

Results 1

select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Cus
1	1	542 Dayton Center	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie
2	2	0674 Springview Circle	Tagopia	188-55-0225	9,444	Toyota	Tundra	Neon	2,010	672,222.04	67457-594	Alexan
3	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie V
4	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint G
5	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Crimson	2,009	699,890.24	51655-189	Alyssa
6	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Neon	2,005	694,373.94	65811-0001	Wiatt
7	7	85 Coleman Parkway	Roombo	188-55-0225	101	Subaru	Impreza	Black	1,999	546,977.55	31722-328	Findla

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 299ms (47ms fetch), on 2022-1(

IST en Writable Smart Insert 95 : 79 [78] Sel: 78 | 1

1:10 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

Results 1

```
select CarMaker,CarColor from TE_FA_CarSales_Shipment
```

	CarMaker	CarColor
1	Toyota	Neon
2	Toyota	Neon
3	Toyota	Neon
4	Toyota	Neon
5	Toyota	Neon
6	Toyota	Neon
7	Toyota	Neon
8	Toyota	Neon
9	Toyota	Neon
10	Toyota	Neon
11	Toyota	Neon
12	Toyota	Neon
13	Toyota	Neon
14	Toyota	Neon
15	Toyota	Neon
16	Toyota	Neon
17	Toyota	Neon
18	Toyota	Neon
19	Toyota	Neon
20	Toyota	Neon
21	Toyota	Neon
22	Toyota	Neon
23	Toyota	Neon

CarPrice: float (Read-only: No corresponding table column)

200 52 Rows: 1 52 row(s) fetched - 268ms, on 2022-10-06 at 13:10:4

IST en Writable Smart Insert 98 : 1 [79] Sel: 79 | 1

1:10 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

Results 1

```
select * from TE_FA_CarSales_Shipment
```

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Cus
1	1	542 Dayton Center	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie I
2	2	0674 Springview Circle	Tagopia	188-55-0225	9,444	Toyota	Tundra	Neon	2,010	672,222.04	67457-594	Alexan
3	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie V
4	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint G
5	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Crimson	2,009	699,890.24	51655-189	Alyssa
6	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Neon	2,005	694,373.94	65811-0001	Wiatt I
7	7	85 Coleman Parkway	Roombo	188-55-0225	101	Subaru	Impreza	Black	1,999	546,977.55	31722-328	Findlay
8	8	30230 Westerfield Pass	Wordify	188-55-0225	8,854	BMW	X6	Black	2,013	528,353.8	54162-018	Ottilie
9	9	4 Coleman Street	Skyvu	188-55-0225	9,043	Mitsubishi	Galant	Black	2,011	706,964.35	44911-0060	Kirsten
10	10	100 Anhalt Place	Feedfire	188-55-0225	492	Subaru	Justy	Black	1,988	798,573.59	54868-5732	Archer
11	11	7 Esch Trail	Layo	188-55-0225	9,212	Mercedes-Benz	M-Class	Black	2,002	722,114.57	0955-1015	Duff D
12	12	6 Meadow Vale Center	Oyoyo	188-55-0225	7,891	Ford	Taurus X	Crimson	2,008	826,717.03	54838-101	Barry D
13	13	0972 Pepper Wood Lan	Quatz	188-55-0225	3,334	Mercedes-Benz	CL-Class	Black	2,011	568,015.89	49825-119	Libbey
14	14	55262 Emmet Place	Gabvine	188-55-0225	8,898	Dodge	Avenger	Black	2,008	646,591.02	54799-504	Demet
15	15	330 Pennsylvania Plaza	Jaxspan	188-55-0225	4,531	Nissan	Pathfinder	Black	2,002	670,304.84	43742-0059	Creigh
16	16	428 Meadow Ridge Alle	Mybuzz	188-55-0225	3,327	BMW	M3	Black	2,009	728,986.85	68788-9728	Erv Ma
17	17	26 Stuart Court	Gabcube	188-55-0225	7,975	Mercedes-Benz	R-Class	Black	2,009	665,854.24	0228-2672	Mycha
18	18	73 Beilfuss Road	Lazz	188-55-0225	7,029	Honda	FCX Clarity	Black	2,012	707,705.42	21695-215	Jermai
19	19	9 Lukken Way	Buzzdog	188-55-0225	2,373	Toyota	Corolla	Neon	2,004	563,380.63	37000-352	Liuka D
20	20	411 Coleman Circle	Yodel	188-55-0225	5,839	Ford	Tempo	Crimson	1,988	826,717.03	49288-0606	Timmy
21	21	88 Katie Way	Innojam	188-55-0225	1,459	Mercedes-Benz	SL-Class	Black	2,009	526,717.03	49693-1801	Barbee
22	22	196 Darwin Park	Skidoo	188-55-0225	8,464	Chevrolet	Monte Carlo	Black	1,996	569,743.98	23155-141	Aimee
23	23	90989 Muir Avenue	Muvto	188-55-0225	7,705	Bentley	Continental Flying	Black	2,009	649,917	65517-0027	Iain Ro

200 200+ Rows: 1 200 row(s) fetched - 488ms (84ms fetch), on 2022-1(

IST en Writable Smart Insert 101 : 1 [37] Sel: 37 | 1

1:20 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```sql
--Insert Command--
insert into TE_FA_CarSales_Shipment
values(1,'542 Dayton Center','Bubbletube','871-57-6028',8893,'Dodge','Ram 2500','Goldenrod',2007,521963.45,'60760-224','Louie Hinsche','Male',
'Mechanical Systems Engineer','907-966-3323','lhinsche0@comcast.net','Anchorage','United States','US','Alaska','1 Independence Circle','12/16/2018',
'0268-6694','3/14/2019','Standard Class','Truck',99522,744796.41,1,0.83,'diners-club-carte-blanche',3.04E+13,'Bad'),
(2,'0674 Springview Circle','Tagopia','337-64-4060',9444,'Toyota','Tundra','Crimson',2010,672222.04,'67457-594','Alexandros Manuel','Male',
'Structural Engineer','320-943-9301','amanuel1@usnews.com','Saint Cloud','United States','US','Minnesota','209 Lerdahl Alley','2/13/2019',
'0699-5728','3/6/2019','Standard Class','Truck',56398,794773.17,1,0.79,'jcb',3.55E+15,'Good')

--Update Command--

--1) Updating Entire Column--
update TE_FA_CarSales_Shipment set CarColor = 'Red'

--2) Updating 2 columns at a time--
update TE_FA_CarSales_Shipment set CarColor = 'Black',Supplier_Contact_Phone = '188-55-0225'

--3) Update Table--
update TE_FA_CarSales_Shipment set CarColor = 'Crimson' where SupplierID = 5

--4) Update Multiple Records--
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where CarMaker = 'Toyota'

select CarMaker,CarColor from TE_FA_CarSales_Shipment where CarMaker = 'Toyota'

--5) Updating Multiple Records in a Row
update TE_FA_CarSales_Shipment set CarColor = 'Crimson', CarPrice = '826717.03' where CarMaker = 'Ford'

select CarMaker,CarColor,CarPrice from TE_FA_CarSales_Shipment where CarMaker = 'Ford'

--6) Updating
update TE_FA_CarSales_Shipment set SupplierAddress = '196 Darwin Park' where CarMaker IN ('Dodge','BMW')
select SupplierAddress,CarMaker from TE_FA_CarSales_Shipment where CarMaker IN ('Dodge','BMW')
```

Results 1

IST | en | Writable | Smart Insert | 105 : 1 [104] | Sel: 104 | 1

1:30 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

Results 1

select CarMaker,CarColor,CarPrice from TE_FA_CarSales_S

	CarMaker	CarColor	CarPrice
1	Ford	Crimson	826,717.03
2	Ford	Crimson	826,717.03
3	Ford	Crimson	826,717.03
4	Ford	Crimson	826,717.03
5	Ford	Crimson	826,717.03
6	Ford	Crimson	826,717.03
7	Ford	Crimson	826,717.03
8	Ford	Crimson	826,717.03
9	Ford	Crimson	826,717.03
10	Ford	Crimson	826,717.03
11	Ford	Crimson	826,717.03
12	Ford	Crimson	826,717.03
13	Ford	Crimson	826,717.03
14	Ford	Crimson	826,717.03
15	Ford	Crimson	826,717.03
16	Ford	Crimson	826,717.03
17	Ford	Crimson	826,717.03
18	Ford	Crimson	826,717.03
19	Ford	Crimson	826,717.03
20	Ford	Crimson	826,717.03
21	Ford	Crimson	826,717.03
22	Ford	Crimson	826,717.03

CustomerName: nvarchar(255) (Read-only: No corresponding table column)

Save Cancel Script 200 63 Rows: 1 63 row(s) fetched - 251ms, on 2022-10-06 at 13:21:1

IST | en | Writable | Smart Insert | 102 : 87 [86] | Sel: 86 | 1

1:21 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
--Insert Command--
insert into TE_FA_CarSales_Shipment
values(1,'542 Dayton Center','Bubbletube','871-57-6028',8893,'Dodge','Ram 2500','Goldenrod',2007,521963.45,'60760-224','Louie Hinsche','Male',
'Mechanical Systems Engineer','907-966-3323','lhinsche0@comcast.net','Anchorage','United States','US','Alaska','1 Independence Circle','12/16/2018',
'0268-6694','3/14/2019','Standard Class','Truck',99522,744796.41,1,0.83,'diners-club-carte-blanche',3.04E+13,'Bad'),
(2,'0674 Springview Circle','Tagopia','337-64-4060',9444,'Toyota','Tundra','Crimson',2010,672222.04,'67457-594','Alexandros Manuel','Male',
'Structural Engineer','320-943-9301','amanuel1@usnews.com','Saint Cloud','United States','US','Minnesota','209 Lerdahl Alley','2/13/2019',
'0699-5728','3/6/2019','Standard Class','Truck',56398,794773.17,1,0.79,'jcb',3.55E+15,'Good')

--Update Command--

--1) Updating Entire Column--
update TE_FA_CarSales_Shipment set CarColor = 'Red'

--2) Updating 2 columns at a time--
update TE_FA_CarSales_Shipment set CarColor = 'Black',Supplier_Contact_Phone = '188-55-0225'

--3) Update Table--
update TE_FA_CarSales_Shipment set CarColor = 'Crimson' where SupplierID = 5

--4) Update Multiple Records--
update TE_FA_CarSales_Shipment set CarColor = 'Neon' where CarMaker = 'Toyota'

select CarMaker,CarColor from TE_FA_CarSales_Shipment where CarMaker = 'Toyota'

--5) Updating Multiple Records in a Row
update TE_FA_CarSales_Shipment set CarColor = 'Crimson', CarPrice = '826717.03' where CarMaker = 'Ford'

select CarMaker,CarColor,CarPrice from TE_FA_CarSales_Shipment where CarMaker = 'Ford'

--6) Updating
update TE_FA_CarSales_Shipment set SupplierAddress = '196 Darwin Park' where CarMaker IN ('Dodge','BMW')
select SupplierAddress,CarMaker from TE_FA_CarSales_Shipment where CarMaker IN ('Dodge','BMW')
```

Results 1

IST | en | Writable | Smart Insert | 105 : 1 [104] | Sel: 104 | 1

1:30 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

Results 1

select SupplierAddress,CarMaker from TE_FA_CarSales_Sl | Enter a SQL expression to filter results (use Ctrl+Space)

	SupplierAddress	CarMaker
1	196 Darwin Park	Dodge
2	196 Darwin Park	BMW
3	196 Darwin Park	Dodge
4	196 Darwin Park	BMW
5	196 Darwin Park	BMW
6	196 Darwin Park	Dodge
7	196 Darwin Park	Dodge
8	196 Darwin Park	Dodge
9	196 Darwin Park	Dodge
10	196 Darwin Park	BMW
11	196 Darwin Park	Dodge
12	196 Darwin Park	Dodge
13	196 Darwin Park	BMW
14	196 Darwin Park	Dodge
15	196 Darwin Park	BMW
16	196 Darwin Park	Dodge
17	196 Darwin Park	Dodge
18	196 Darwin Park	BMW
19	196 Darwin Park	Dodge
20	196 Darwin Park	BMW
21	196 Darwin Park	Dodge
22	196 Darwin Park	Dodge
23	196 Darwin Park	BMW

Save Cancel Script 200 78 Rows: 1 78 row(s) fetched - 282ms, on 2022-10-06 at 13:30:1

IST | en | Writable | Smart Insert | 105 : 105 : 3468 | Sel: 0 | 0

1:30 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
select SupplierAddress,CarMaker from TE_FA_CarSales_Shipment where CarMaker IN ('Dodge','BMW')

--Delete Command--
select * from TE_FA_CarSales_Shipment

Delete from TE_FA_CarSales_Shipment where SupplierID = 2
```

Results 1

select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Cus
1	1	196 Darwin Park	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie
2	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie V
3	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint G
4	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Crimson	2,009	699,890.24	51655-189	Alyssa
5	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Neon	2,005	694,373.94	65811-0001	Wiatt
6	7	85 Coleman Parkway	Roombo	188-55-0225	101	Subaru	Impreza	Black	1,999	546,977.55	31722-328	Findla
7	8	196 Darwin Park	Wordify	188-55-0225	8,854	BMW	X6	Black	2,013	528,353.8	54162-018	Ottilie
8	9	4 Coleman Street	Skyvu	188-55-0225	9,043	Mitsubishi	Galant	Black	2,011	706,964.35	44911-0060	Kirsten
9	10	100 Anhalt Place	Feedfire	188-55-0225	492	Subaru	Justy	Black	1,988	798,573.59	54868-5732	Archer
10	11	7 Esch Trail	Layo	188-55-0225	9,212	Mercedes-Benz	M-Class	Black	2,002	722,114.57	0955-1015	Duff D
11	12	6 Meadow Vale Center	Oyoyo	188-55-0225	7,891	Ford	Taurus X	Crimson	2,008	826,717.03	54838-101	Barry
12	13	0972 Pepper Wood Lan	Quatz	188-55-0225	3,334	Mercedes-Benz	CL-Class	Black	2,011	568,015.89	49825-119	Libbey
13	14	196 Darwin Park	Gabvine	188-55-0225	8,898	Dodge	Avenger	Black	2,008	646,591.02	54799-504	Demet
14	15	330 Pennsylvania Plaza	Jaxspan	188-55-0225	4,531	Nissan	Pathfinder	Black	2,002	670,304.84	43742-0059	Creigh
15	16	196 Darwin Park	Mybuzz	188-55-0225	3,327	BMW	M3	Black	2,009	728,986.85	68788-9728	Erv Ma
16	17	26 Stuart Court	Gabcube	188-55-0225	7,975	Mercedes-Benz	R-Class	Black	2,009	665,854.24	0228-2672	Mycha
17	18	73 Beilfuss Road	Lazz	188-55-0225	7,029	Honda	FCX Clarity	Black	2,012	707,705.42	21695-215	Jermai

200 | 200+ | Rows: 1 | 200 row(s) fetched - 378ms (142ms fetch), on 2022-

IST | en | Writable | Smart Insert | 111 : 1 [56] | Sel: 56 | 1

1:52 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Commands_CarSales

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Referencial Integrity | <soukya> Normalization.sql | <soukya> Normalization_Assessment | *<soukya> FA_Commands_CarSales

```
--Delete Command--
select * from TE_FA_CarSales_Shipment

Delete from TE_FA_CarSales_Shipment where SupplierID = 2

Delete from TE_FA_CarSales_Shipment where  CarMaker = 'Subaru'
```

Results 1

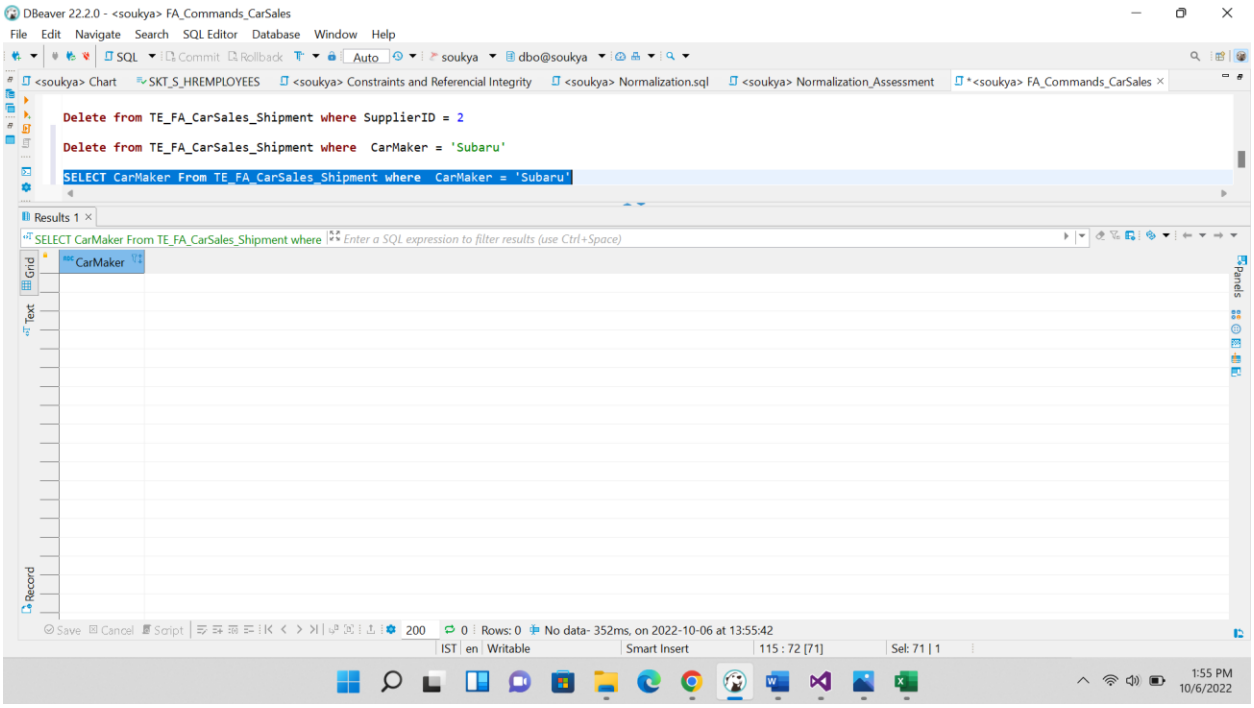
select * from TE_FA_CarSales_Shipment

	SupplierID	SupplierAddress	SupplierName	Supplier_Contact_Phone	ProductID	CarMaker	CarModel	CarColor	CarModelYear	CarPrice	CustomerID	Cu
1	1	196 Darwin Park	Bubbletube	188-55-0225	8,893	Dodge	Ram 2500	Black	2,007	521,963.45	60760-224	Louie
2	3	70 Autumn Leaf Center	Zoomdog	188-55-0225	253	GMC	Savana 1500	Black	2,011	504,465.72	58411-135	Alvie
3	4	649 Corben Lane	Oozz	188-55-0225	1,283	Volkswagen	Cabriolet	Black	1,990	646,077.11	0591-5307	Flint
4	5	94 Namekagon Point	Kare	188-55-0225	8,905	Mercury	Mariner	Crimson	2,009	699,890.24	51655-189	Alys
5	6	46347 Dunning Drive	Rhynyx	188-55-0225	8,877	Toyota	Land Cruiser	Neon	2,005	694,373.94	65811-0001	Wiat
6	8	196 Darwin Park	Wordify	188-55-0225	8,854	BMW	X6	Black	2,013	528,353.8	54162-018	Ottili
7	9	4 Coleman Street	Skyvu	188-55-0225	9,043	Mitsubishi	Galant	Black	2,011	706,964.35	44911-0060	Kirst
8	11	7 Esch Trail	Layo	188-55-0225	9,212	Mercedes-Benz	M-Class	Black	2,002	722,114.57	0955-1015	Duff
9	12	6 Meadow Vale Center	Oyoyo	188-55-0225	7,891	Ford	Taurus X	Crimson	2,008	826,717.03	54838-101	Barry
10	13	0972 Pepper Wood Lane	Quatz	188-55-0225	3,334	Mercedes-Benz	CL-Class	Black	2,011	568,015.89	49825-119	Libb
11	14	196 Darwin Park	Gabvine	188-55-0225	8,898	Dodge	Avenger	Black	2,008	646,591.02	54799-504	Dem
12	15	330 Pennsylvania Plaza	Jaxspan	188-55-0225	4,531	Nissan	Pathfinder	Black	2,002	670,304.84	43742-0059	Creig
13	16	196 Darwin Park	Mybuzz	188-55-0225	3,327	BMW	M3	Black	2,009	728,986.85	68788-9728	Erv M
14	17	26 Stuart Court	Gabcube	188-55-0225	7,975	Mercedes-Benz	R-Class	Black	2,009	665,854.24	0228-2672	Mych
15	18	73 Beilfuss Road	Lazz	188-55-0225	7,029	Honda	FCX Clarity	Black	2,012	707,705.42	21695-215	Jerm
16	19	9 Lukken Way	Buzzdog	188-55-0225	2,373	Toyota	Corolla	Neon	2,004	563,380.63	37000-352	Liuk
17	20	411 Coleman Circle	Yodel	188-55-0225	5,839	Ford	Tempo	Crimson	1,988	826,717.03	49288-0606	Timn

200 | 200+ | Rows: 1 | 200 row(s) fetched - 487ms (78ms fetch), on 2022-1

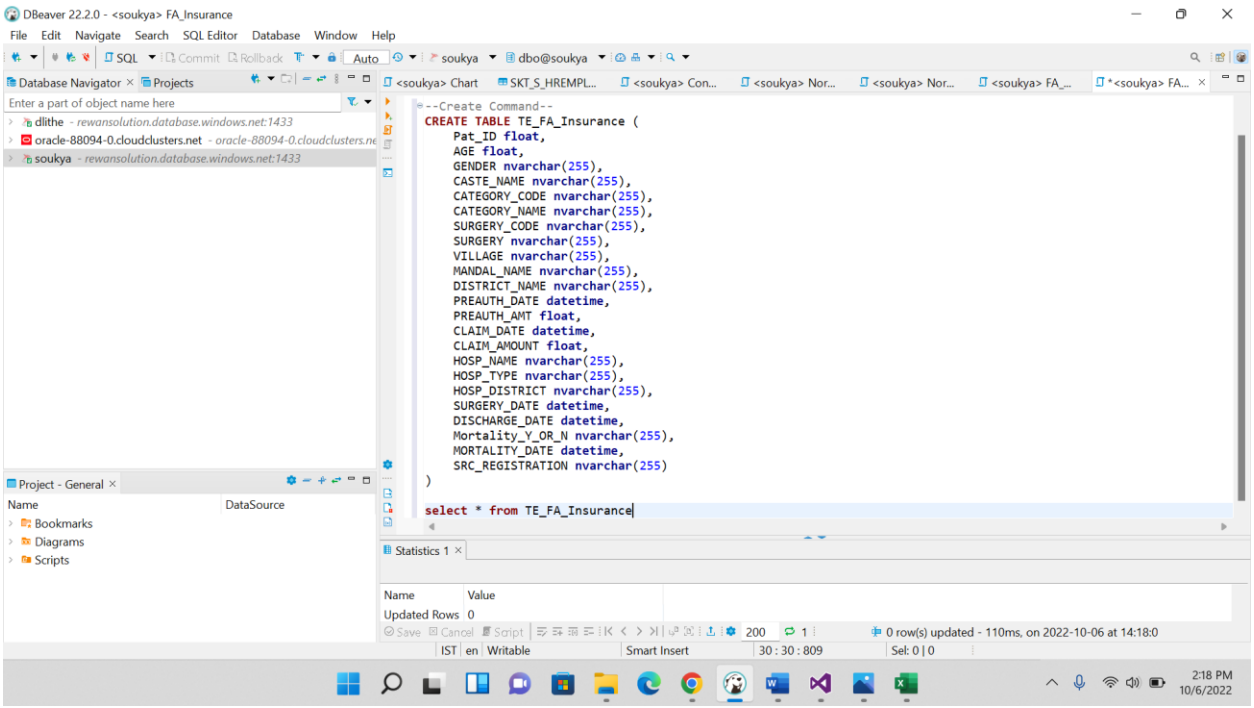
IST | en | Writable | Smart Insert | 113 : 1 [62] | Sel: 62 | 1

1:54 PM 10/6/2022



1)DDL and DML commands for first data source - Insurance

DDL Commands



DBeaver 22.2.0 - <soukya> FA_Insurance

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
--Create Command--
CREATE TABLE TE_FA_Insurance (
    Pat_ID float,
    AGE float,
    GENDER nvarchar(255),
    CASTE_NAME nvarchar(255),
    CATEGORY_CODE nvarchar(255),
    CATEGORY_NAME nvarchar(255),
    SURGERY_CODE nvarchar(255),
    SURGERY nvarchar(255),
    VILLAGE nvarchar(255),
```

Results 1

select * from TE_FA_Insurance

Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY	VILLAGE	MANDAL_NAME	DISTRICT_NAME	PREAUTH_

Rows: 0 No data- 223ms, on 2022-10-06 at 14:18:48 - 1 warr

IST | en | Writable | Smart Insert | 30 : 1 [29] | Sel: 29 | 1

2:18 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Insurance

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
    Mortality_Y_OR_N nvarchar(255),
    MORTALITY_DATE datetime,
    SRC_REGISTRATION nvarchar(255)
)

select * from TE_FA_Insurance

--Drop Command--
Drop Table TE_FA_Insurance
```

Statistics 1

Name	Value
Updated Rows	0
Query	Drop Table TE_FA_Insurance
Finish time	Thu Oct 06 14:20:01 IST 2022

Rows: 0 0 row(s) updated - 79ms, on 2022-10-06 at 14:20:01

IST | en | Writable | Smart Insert | 33 : 1 [27] | Sel: 27 | 1

2:20 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Insurance

```
--Drop Command--
Drop Table TE_FA_Insurance


--Rename Command--

--1) Rename Table--
EXEC sp_rename 'TE_FA_Insurance' , 'TE_FA_Insurance_Claim'

select * from TE_FA_Insurance_Claim
```

Results 1

select * from TE_FA_Insurance_Claim

Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY	VILLAGE	MANDAL_NAME	DISTRICT_NAME	PREAUTH

Rows: 0 No data- 290ms, on 2022-10-06 at 14:26:04

DBeaver 22.2.0 - <soukya> FA_Insurance

```
--1) Rename Table--
EXEC sp_rename 'TE_FA_Insurance' , 'TE_FA_Insurance_Claim'

select * from TE_FA_Insurance_Claim

--2) Rename Column--
exec sp_rename 'TE_FA_Insurance_Claim.SURGERY','SURGERY_NAME','Column'

select * from TE_FA_Insurance_Claim
```

Results 1

select * from TE_FA_Insurance_Claim

Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE	MANDAL_NAME	DISTRICT_NAME	PRE

Rows: 0 No data- 241ms, on 2022-10-06 at 14:29:33

DBeaver 22.2.0 - <soukya> FA_Insurance

```
--Alter Command--

--1) Adding Column to table--
Alter table TE_FA_Insurance_Claim
add Aadhar_Card nvarchar(255) not null

select * from TE_FA_Insurance_Claim
```

Results 1

LAIM_AMOUNT	HOSP_NAME	HOSP_TYPE	HOSP_DISTRICT	SURGERY_DATE	DISCHARGE_DATE	Mortality_Y_OR_N	MORTALITY_DATE	SRC_REGISTRATION	Aadhar_Card

Rows: 0 No data- 254ms, on 2022-10-06 at 14:31:32

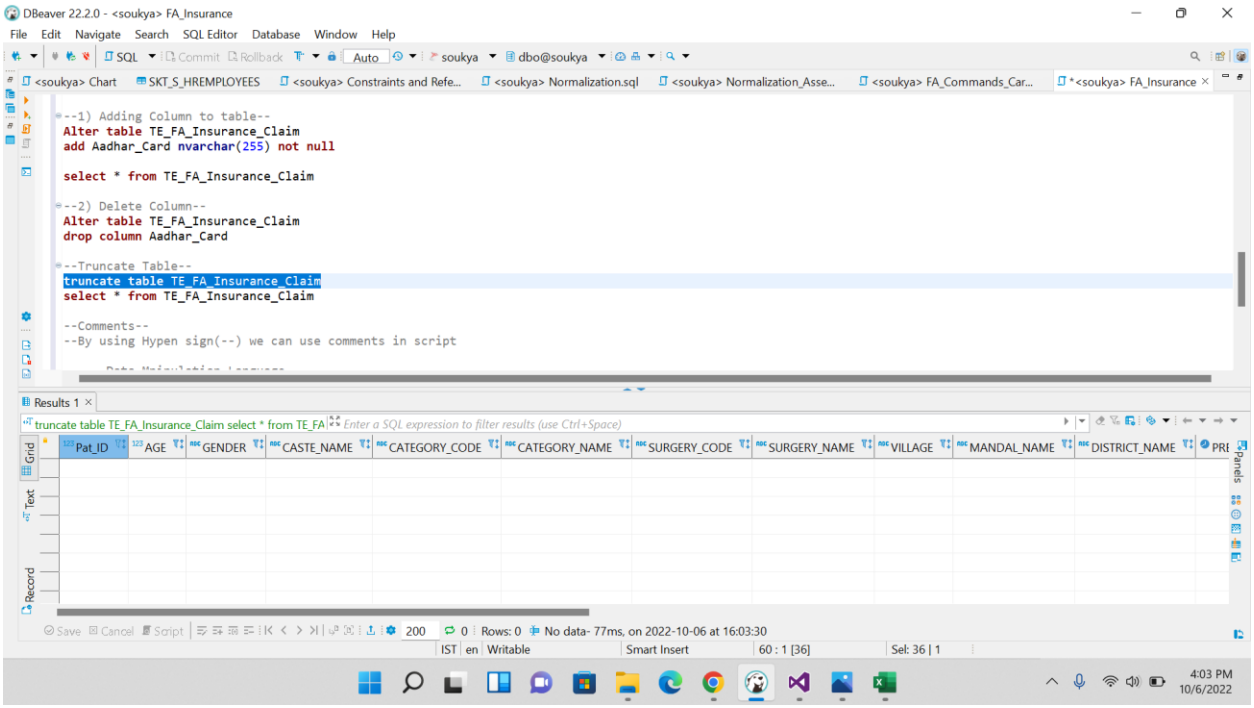
DBeaver 22.2.0 - <soukya> FA_Insurance

```
Alter table TE_FA_Insurance_Claim
add Aadhar_Card nvarchar(255) not null

select * from TE_FA_Insurance_Claim

--2) Delete Column--
Alter table TE_FA_Insurance_Claim
drop column Aadhar_Card
```

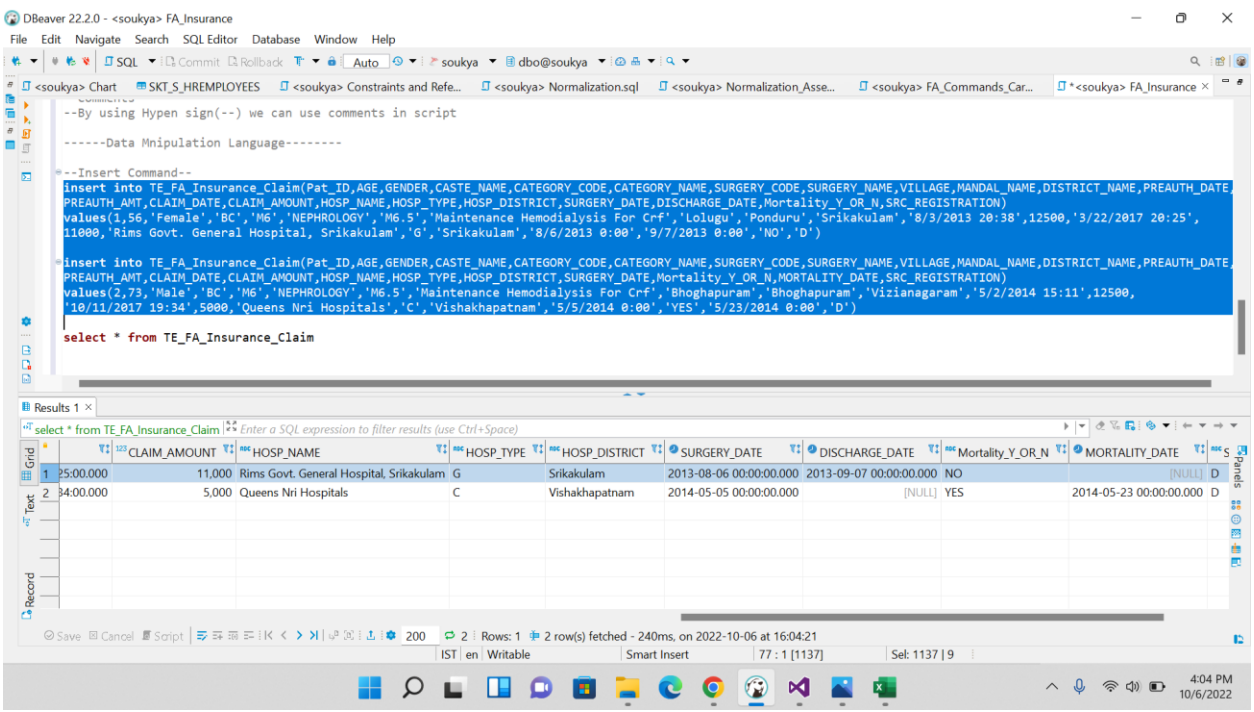
Results 1

LAIM_DATE	CLAIM_AMOUNT	HOSP_NAME	HOSP_TYPE	HOSP_DISTRICT	SURGERY_DATE	DISCHARGE_DATE	Mortality_Y_OR_N	MORTALITY_DATE	SRC_REGISTRATION

Rows: 0 No data- 271ms, on 2022-10-06 at 14:32:22



DML Commands



DBeaver 22.2.0 - <soukya> FA_Insurance

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<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
--Insert Command--
insert into TE_FA_Insurance_Claim(Pat_ID,AGE,GENDER,CASTE_NAME,CATEGORY_CODE,CATEGORY_NAME,SURGERY_CODE,SURGERY_NAME,VILLAGE,MANDAL_NAME,DISTRICT_NAME,PREAUTH_DATE,
PREAUTH_AMT,CLAIM_DATE,CLAIM_AMOUNT,HOSP_NAME,HOSP_TYPE,HOSP_DISTRICT,SURGERY_DATE,DISCHARGE_DATE,Mortality_Y_OR_N,SRC_REGISTRATION)
values(1,56,'Female','BC','M6','NEPHROLOGY','M6.5','Maintenance Hemodialysis For Crf','Lolugu','Ponduru','Srikakulam','8/3/2013 20:38',12500,'3/22/2017 20:25',
11000,'Rims Govt. General Hospital, Srikakulam','G','Srikakulam','8/6/2013 0:00','9/7/2013 0:00','NO','D')

insert into TE_FA_Insurance_Claim(Pat_ID,AGE,GENDER,CASTE_NAME,CATEGORY_CODE,CATEGORY_NAME,SURGERY_CODE,SURGERY_NAME,VILLAGE,MANDAL_NAME,DISTRICT_NAME,PREAUTH_DATE,
PREAUTH_AMT,CLAIM_DATE,CLAIM_AMOUNT,HOSP_NAME,HOSP_TYPE,HOSP_DISTRICT,SURGERY_DATE,Mortality_Y_OR_N,MORTALITY_DATE,SRC_REGISTRATION)
values(2,73,'Male','BC','M6','NEPHROLOGY','M6.5','Maintenance Hemodialysis For Crf','Bhoghapuram','Bhoghapuram','Vizianagaram','5/2/2014 15:11',12500,
'10/11/2017 19:34',5000,'Queens Nri Hospitals','C','Vishakhapatnam','5/5/2014 0:00','YES','5/23/2014 0:00','D')

select * from TE_FA_Insurance_Claim

--Update Command--

--1) Updating Entire Column--
update TE_FA_Insurance_Claim set CASTE_NAME = 'ST'
```

Results 1

select * from TE_FA_Insurance_Claim

Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	56	Female	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Lolugu
2	37	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Borivanka
3	50	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi
4	45	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Telikipenta
5	54	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Thandemvalasa
6	35	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Phasigangupeta
7	52	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar
8	73	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 357ms (133ms fetch), on 2022-

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DBeaver 22.2.0 - <soukya> FA_Insurance

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<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
--Insert Command--
```

Results 1

select * from TE_FA_Insurance_Claim

Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	56	Female	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Lolugu
2	37	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Borivanka
3	50	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi
4	45	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Telikipenta
5	54	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Thandemvalasa
6	35	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Phasigangupeta
7	52	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar
8	73	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram
9	56	Male	ST	S7	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	49	Male	ST	S7	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	52	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Rajam
12	56	Male	ST	M5	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu
13	65	Female	ST	M5	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Fail	Pulipadu
14	75	Male	ST	M5	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Fail	Karlapalem
15	52	Male	ST	M5	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Fail	Ward-19
16	56	Male	ST	M5	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Tullur
17	1	Male(Child)	ST	S16	COCHLEAR IMPLANT SURGERY	S16.1.1	Cochlear Implant Surgery	Phirangipuram
18	54	Female	ST	S7	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Kolakalur
19	48	Male	ST	S7	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Vellalur
20	57	Female	ST	M5	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Phirangipuram
21	55	Male	ST	M6	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Ayyavari Polavar
22	74	Female	ST	M5	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	4th Ward

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 357ms (133ms fetch), on 2022-

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DBeaver 22.2.0 - <soukya> FA_Insurance

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```
values(2,73,'Male','BC','M6','NEPHROLOGY','M6.5','Maintenance Hemodialysis For Crf','Bhoghapuram','Bhoghapuram','Vizianagaram','5/2/2014 15:11',12500,
'10/11/2017 19:34',5000,'Queens Nri Hospitals','C','Vishakhapatnam','5/5/2014 0:00','YES','5/23/2014 0:00','D')

select * from TE_FA_Insurance_Claim

--Update Command--

--1) Updating Entire Column--
update TE_FA_Insurance_Claim set CASTE_NAME = 'ST'

--2) Updating 2 columns at a time--
update TE_FA_Insurance_Claim set CATEGORY_CODE = 'Minority',CLAIM_AMOUNT = 8000
```

Results 1

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	1	56	Female	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Lolugu
2	2	37	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Borivanka
3	3	50	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi
4	4	45	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Telikipenta
5	5	54	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Thandemvalas
6	6	35	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Phasigangupet
7	7	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar
8	8	73	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram
9	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	11	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Rajam

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DBeaver 22.2.0 - <soukya> FA_Insurance

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Results 1

select * from TE_FA_Insurance_Claim

	VILLAGE	MANDAL_NAME	DISTRICT_NAME	PREAUTH_DATE	PREAUTH_AMT	CLAIM_DATE	CLAIM_AMOUNT	HOSP_NAME	HOSP_TY
1	Lolugu	Ponduru	Srikakulam	2013-08-03 20:38:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
2	Borivanka	Kaviti	Srikakulam	2013-08-06 07:26:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
3	Kapasakuddi	Kaviti	Srikakulam	2013-08-09 18:30:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
4	Telikipenta	Sarubujjili	Srikakulam	2013-08-24 19:37:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
5	Thandemvalasa	Srikakulam	Srikakulam	2013-08-28 17:03:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
6	Phasigangupeta	Pathapatnam	Srikakulam	2013-08-28 17:30:00.000	12,500	2017-03-22 20:25:00.000	8,000	Rims Govt. General Hospital, Srikakulam	G
7	Kranti Nagar	Nandyal	Kurnool	2013-08-30 07:53:00.000	12,500	2017-03-22 20:25:00.000	8,000	Govt General Hospital Kurnool	G
8	Bhoghapuram	Bhoghapuram	Vizianagaram	2014-05-02 15:11:00.000	12,500	2017-10-11 19:34:00.000	8,000	Queens Nri Hospitals	C
9	Vallur	Kakumanu	Guntur	2014-06-10 17:02:00.000	40,000	2017-02-17 19:21:00.000	8,000	Karumuri Hospital	C
10	Ward-15	Guntur(C)	Guntur	2014-06-11 20:41:00.000	115,846	2017-02-17 19:21:00.000	8,000	Karumuri Hospital	C
11	Rajam	Butchayyapeta	Vishakhapatnam	2014-06-25 08:45:00.000	12,500	2017-10-03 20:37:00.000	8,000	Queens Nri Hospitals	C
12	Thurlapadu	Edlapadu	Guntur	2014-07-04 15:12:00.000	30,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
13	lure Pulipadu	Gurazala	Guntur	2014-07-09 10:17:00.000	40,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
14	lure Karlapalem	Karlapalem	Guntur	2014-07-10 20:59:00.000	40,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
15	lure Ward-19	Guntur(C)	Guntur	2014-07-13 18:09:00.000	40,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
16	Tullur	Thullur	Guntur	2014-07-16 21:08:00.000	30,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
17	Phirangipuram	Phirangipuram	Guntur	2017-07-20 20:20:00.000	520,000	2017-10-27 19:54:00.000	8,000	Ent Nursing Home	C
18	Kolakalur	Tenali	Guntur	2014-07-27 18:01:00.000	115,846	2017-02-17 19:22:00.000	8,000	Karumuri Hospital	C
19	Vellalur	Ponnur	Guntur	2014-07-27 18:01:00.000	115,846	2017-02-17 19:22:00.000	8,000	Karumuri Hospital	C
20	Phirangipuram	Phirangipuram	Guntur	2014-07-28 08:37:00.000	30,000	2017-02-17 18:54:00.000	8,000	Karumuri Hospital	C
21	Ayyavari Polavar	Jangareddigudem	West Godavari	2014-07-29 14:58:00.000	12,500	2017-01-10 02:04:00.000	8,000	Queens Nri Hospitals	C
22	4th Ward	Palasa Kasibugga	Srikakulam	2014-08-01 17:51:00.000	30,000	2017-05-09 18:35:00.000	8,000	KIMS SAI SESHDRI HOSPITAL	C
23	Kambakava	Narasannapeta	Srikakulam	2014-08-01 17:49:00.000	30,000	2017-05-09 18:35:00.000	8,000	KIMS SAI SESHDRI HOSPITAL	C

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 294ms (45ms fetch), on 2022-1(

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DBeaver 22.2.0 - <soukya> FA_Insurance

```
select * from TE_FA_Insurance_Claim

--Update Command--

--1) Updating Entire Column--
update TE_FA_Insurance_Claim set CASTE_NAME = 'ST'

--2) Updating 2 columns at a time--
update TE_FA_Insurance_Claim set CATEGORY_CODE = 'Minority',CLAIM_AMOUNT = 8000

--3) Update Table with single element in a row--
update TE_FA_Insurance_Claim set CASTE_NAME = 'OBC' where Pat_ID = 3
```

Results 1

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	1	56	Female	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Lolugu
2	2	37	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Borivanka
3	3	50	Male	OBC	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi
4	4	45	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Telikipenta
5	5	54	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Thandemvalasa
6	6	35	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Phasigangupeta
7	7	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar
8	8	73	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram
9	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	11	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Rajam

Rows: 1 200 row(s) fetched - 240ms (40ms fetch), on 2022-1(

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DBeaver 22.2.0 - <soukya> FA_Insurance

```
--1) Updating Entire Column--
update TE_FA_Insurance_Claim set CASTE_NAME = 'ST'

--2) Updating 2 columns at a time--
update TE_FA_Insurance_Claim set CATEGORY_CODE = 'Minority',CLAIM_AMOUNT = 8000

--3) Update Table with single element in a row--
update TE_FA_Insurance_Claim set CASTE_NAME = 'OBC' where Pat_ID = 3

--4) Update Multiple Records--
update TE_FA_Insurance_Claim set PREAUTH_AMT = 19000 where SURGERY_CODE = 'M6.5'

select * from TE_FA_Insurance_Claim
```

Results 1

select * from TE_FA_Insurance_Claim

	SURGERY_CODE	SURGERY_NAME	VILLAGE	MANDAL_NAME	DISTRICT_NAME	PREAUTH_DATE	PREAUTH_AMT	CLAIM_DATE	CLA
1	M6.5	Maintenance Hemodialysis For Crf	Lolugu	Ponduru	Srikakulam	2013-08-03 20:38:00.000	19,000	2017-03-22 20:25:00.000	
2	M6.5	Maintenance Hemodialysis For Crf	Borivanka	Kaviti	Srikakulam	2013-08-06 07:26:00.000	19,000	2017-03-22 20:25:00.000	
3	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi	Kaviti	Srikakulam	2013-08-09 18:30:00.000	19,000	2017-03-22 20:25:00.000	
4	M6.5	Maintenance Hemodialysis For Crf	Telikipenta	Sarubujjili	Srikakulam	2013-08-24 19:37:00.000	19,000	2017-03-22 20:25:00.000	
5	M6.5	Maintenance Hemodialysis For Crf	Thandemvalasa	Srikakulam	Srikakulam	2013-08-28 17:03:00.000	19,000	2017-03-22 20:25:00.000	
6	M6.5	Maintenance Hemodialysis For Crf	Phasigangupeta	Pathapatnam	Srikakulam	2013-08-28 17:30:00.000	19,000	2017-03-22 20:25:00.000	
7	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar	Nandyal	Kurnool	2013-08-30 07:53:00.000	19,000	2017-03-22 20:25:00.000	
8	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram	Bhoghapuram	Vizianagaram	2014-05-02 15:11:00.000	19,000	2017-10-11 19:34:00.000	
9	RY S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur	Kakumanu	Guntur	2014-06-10 17:02:00.000	40,000	2017-02-17 19:21:00.000	
10	RY S7.2.1.1	Coronary Bypass Surgery	Ward-15	Guntur(C)	Guntur	2014-06-11 20:41:00.000	115,846	2017-02-17 19:21:00.000	
11	M6.5	Maintenance Hemodialysis For Crf	Rajam	Butchayyapeta	Vishakhapatnam	2014-06-25 08:45:00.000	19,000	2017-10-03 20:37:00.000	
12	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu	Edlapadu	Guntur	2014-07-04 15:12:00.000	30,000	2017-02-17 18:54:00.000	

Rows: 1 200 row(s) fetched - 300ms (80ms fetch), on 2022-1(

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DBeaver 22.2.0 - <soukya> FA_Insurance

```
--3) Update Table with single element in a row--
update TE_FA_Insurance_Claim set CASTE_NAME = 'OBC' where Pat_ID = 3

--4) Update Multiple Records--
update TE_FA_Insurance_Claim set PREAUTH_AMT = 19000 where SURGERY_CODE = 'M6.5'

select * from TE_FA_Insurance_Claim

--5) Updating Multiple Records in a Row
update TE_FA_Insurance_Claim set SURGERY_CODE = 'X1.4', SURGERY_NAME = 'Dialysis' where Pat_ID = 1
```

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	1	56	Female	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Lolugu
2	2	37	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Borivanka
3	3	50	Male	OBC	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kapasakuddi
4	4	45	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Telikipenta
5	5	54	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Thandemvalas
6	6	35	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Phasigangupet
7	7	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Kranti Nagar
8	8	73	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Bhoghapuram
9	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	11	52	Male	ST	Minority	NEPHROLOGY	M6.5	Maintenance Hemodialysis For Crf	Rajam
12	12	56	Male	ST	Minority	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu

Rows: 1 | 200 row(s) fetched - 363ms (149ms fetch), on 2022-

DBeaver 22.2.0 - <soukya> FA_Insurance

```
--5) Updating Multiple Records in a Row
update TE_FA_Insurance_Claim set SURGERY_CODE = 'X1.4', SURGERY_NAME = 'Dialysis' where Pat_ID = 1

--6) Updating Multiple Records in multiple Rows
update TE_FA_Insurance_Claim set SURGERY_CODE = 'X1.4', SURGERY_NAME = 'Dialysis' where CATEGORY_NAME = 'NEPHROLOGY'
```

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	1	56	Female	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Lolugu
2	2	37	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Borivanka
3	3	50	Male	OBC	Minority	NEPHROLOGY	X1.4	Dialysis	Kapasakuddi
4	4	45	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Telikipenta
5	5	54	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Thandemvalas
6	6	35	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Phasigangupet
7	7	52	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Kranti Nagar
8	8	73	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Bhoghapuram
9	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	11	52	Male	ST	Minority	NEPHROLOGY	X1.4	Dialysis	Rajam
12	12	56	Male	ST	Minority	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu
13	13	65	Female	ST	Minority	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Pulipadu
14	14	75	Male	ST	Minority	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Karlapalem
15	15	52	Male	ST	Minority	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Ward-19
16	16	56	Male	ST	Minority	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Tullur

Rows: 1 | 200 row(s) fetched - 340ms (80ms fetch), on 2022-1

DBeaver 22.2.0 - <soukya> FA_Insurance

```
--7) Updating using more than one condition--
update TE_FA_Insurance_Claim set CLAIM_AMOUNT = 25000 where CASTE_NAME = 'OBC' AND GENDER = 'Male'

select * from TE_FA_Insurance_Claim

select CASTE_NAME,GENDER,CLAIM_AMOUNT from TE_FA_Insurance_Claim
```

select CASTE_NAME,GENDER,CLAIM_AMOUNT from TE_I

	CASTE_NAME	GENDER	CLAIM_AMOUNT
1	ST	Female	8,000
2	ST	Male	8,000
3	OBC	Male	25,000
4	ST	Male	8,000
5	ST	Male	8,000
6	ST	Male	8,000
7	ST	Male	8,000
8	ST	Male	8,000
9	ST	Male	8,000
10	ST	Male	8,000
11	ST	Male	8,000
12	ST	Male	8,000
13	ST	Female	8,000
14	ST	Male	8,000
15	ST	Male	8,000
16	ST	Male	8,000
17	ST	Male(Child)	8,000

Rows: 1 200 row(s) fetched - 267ms, on 2022-10-06 at 16:50

DBeaver 22.2.0 - <soukya> FA_Insurance

```
select * from TE_FA_Insurance_Claim

select CASTE_NAME,GENDER,CLAIM_AMOUNT from TE_FA_Insurance_Claim

--8)Updating Using IN Operator--
update TE_FA_Insurance_Claim set CATEGORY_CODE = 'Z32.7' where CATEGORY_NAME IN ('NEPHROLOGY','CARDIOLOGY')
```

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	1	56	Female	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Lolugu
2	2	37	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Borivanka
3	3	50	Male	OBC	Z32.7	NEPHROLOGY	X1.4	Dialysis	Kapasakuddi
4	4	45	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Telikipenta
5	5	54	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Thandemvalas
6	6	35	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Phasigangupet
7	7	52	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Kranti Nagar
8	8	73	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Bhoghapuram
9	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
10	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
11	11	52	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Rajam
12	12	56	Male	ST	Z32.7	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu
13	13	65	Female	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Pulipadu
14	14	75	Male	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Karlapalem
15	15	52	Male	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Ward-19
16	16	56	Male	ST	Z32.7	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Tullur

Rows: 1 200 row(s) fetched - 260ms (40ms fetch), on 2022-1(

DBeaver 22.2.0 - <soukya> FA_Insurance

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
--8)Updating Using IN Operator--
update TE_FA_Insurance_Claim set CATEGORY_CODE = 'Z32.7' where CATEGORY_NAME IN ('NEPHROLOGY','CARDIOLOGY')

--Delete Single Row--
Delete from TE_FA_Insurance_Claim where Pat_ID = 1
```

Results 1

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME	VILLAGE
1	2	37	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Borivanka
2	3	50	Male	OBC	Z32.7	NEPHROLOGY	X1.4	Dialysis	Kapasakuddi
3	4	45	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Telikipenta
4	5	54	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Thandemvalas
5	6	35	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Phasiganguper
6	7	52	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Kranti Nagar
7	8	73	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Bhoghapuram
8	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)	Vallur
9	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery	Ward-15
10	11	52	Male	ST	Z32.7	NEPHROLOGY	X1.4	Dialysis	Rajam
11	12	56	Male	ST	Z32.7	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Thurlapadu
12	13	65	Female	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Pulipadu
13	14	75	Male	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Karlapalem
14	15	52	Male	ST	Z32.7	CARDIOLOGY	M5.1.5	Medical Management of Refractory Cardiac Failure	Ward-19
15	16	56	Male	ST	Z32.7	CARDIOLOGY	M5.1.2	Management Of Acute MI With Angiogram	Tullur
16	17	1	Male(Child)	ST	Minority	COCHLEAR IMPLANT SURGERY	S16.1.1	Cochlear Implant Surgery	Phirangipuram

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 270ms (47ms fetch), on 2022-1(

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5:26 PM 10/6/2022

DBeaver 22.2.0 - <soukya> FA_Insurance

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Chart | SKT_S_HREMPLOYEES | <soukya> Constraints and Refe... | <soukya> Normalization.sql | <soukya> Normalization_Asse... | <soukya> FA_Commands_Car... | *<soukya> FA_Insurance

```
--Delete Single Row--
Delete from TE_FA_Insurance_Claim where Pat_ID = 1

--Delete Multiple Rows--
Delete from TE_FA_Insurance_Claim where CATEGORY_CODE = 'Z32.7'

select * from TE_FA_Insurance_Claim
```

Results 1

select * from TE_FA_Insurance_Claim

	Pat_ID	AGE	GENDER	CASTE_NAME	CATEGORY_CODE	CATEGORY_NAME	SURGERY_CODE	SURGERY_NAME
1	9	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)
2	10	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
3	17	1	Male(Child)	ST	Minority	COCHLEAR IMPLANT SURGERY	S16.1.1	Cochlear Implant Surgery
4	18	54	Female	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
5	19	48	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
6	24	56	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
7	25	31	Male	ST	Minority	ORTHOPEDIC SURGERY AND PROCEDURES	S5.1.2	Excision Or Other Operations For Scaphoid Fractures
8	31	42	Female	ST	Minority	MEDICAL ONCOLOGY	S12.26.1	Chemotherapy for Acute Myeloid Leukemia with Induction Phase
9	34	1	Female(Child)	ST	Minority	COCHLEAR IMPLANT SURGERY	S16.1.1	Cochlear Implant Surgery
10	35	42	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
11	36	49	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
12	38	57	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.2.1.1	Coronary Bypass Surgery
13	41	69	Female	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)
14	44	53	Male	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)
15	46	54	Female	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.1	Coronary Balloon Angioplasty with stent(00.45)
16	47	54	Female	ST	Minority	CARDIAC AND CARDIOTHORACIC SURGERY	S7.1.1.2	PTCA 1 Additional Stent (00.46)

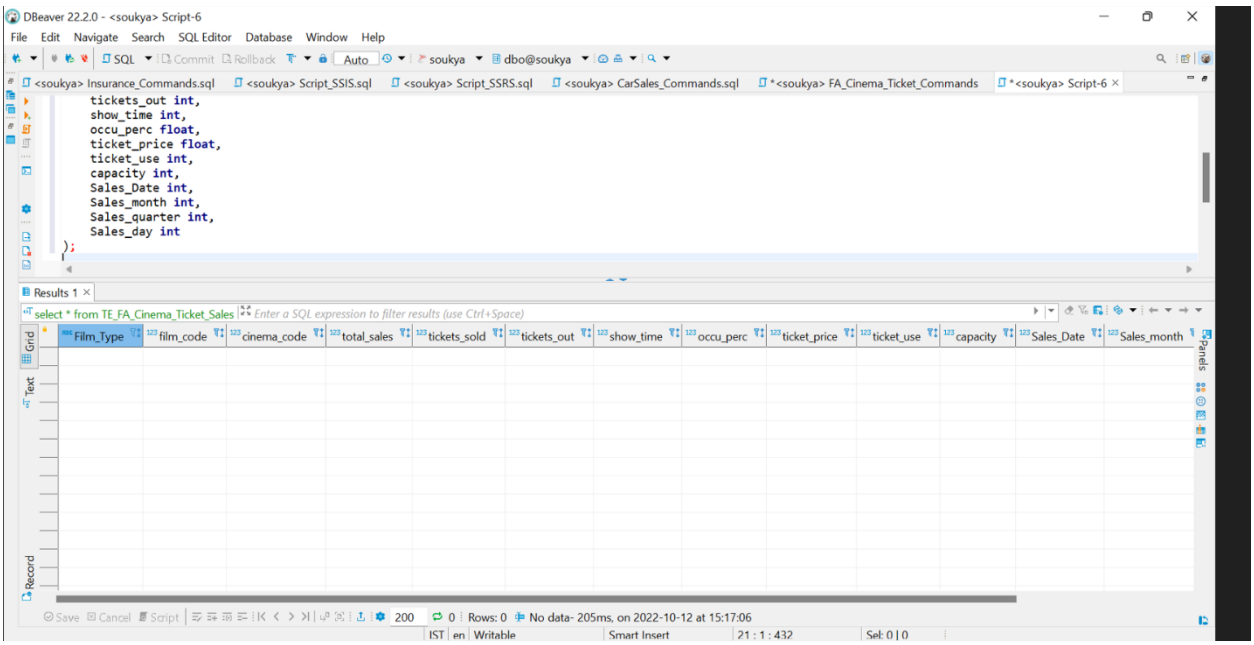
Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 287ms (86ms fetch), on 2022-1(

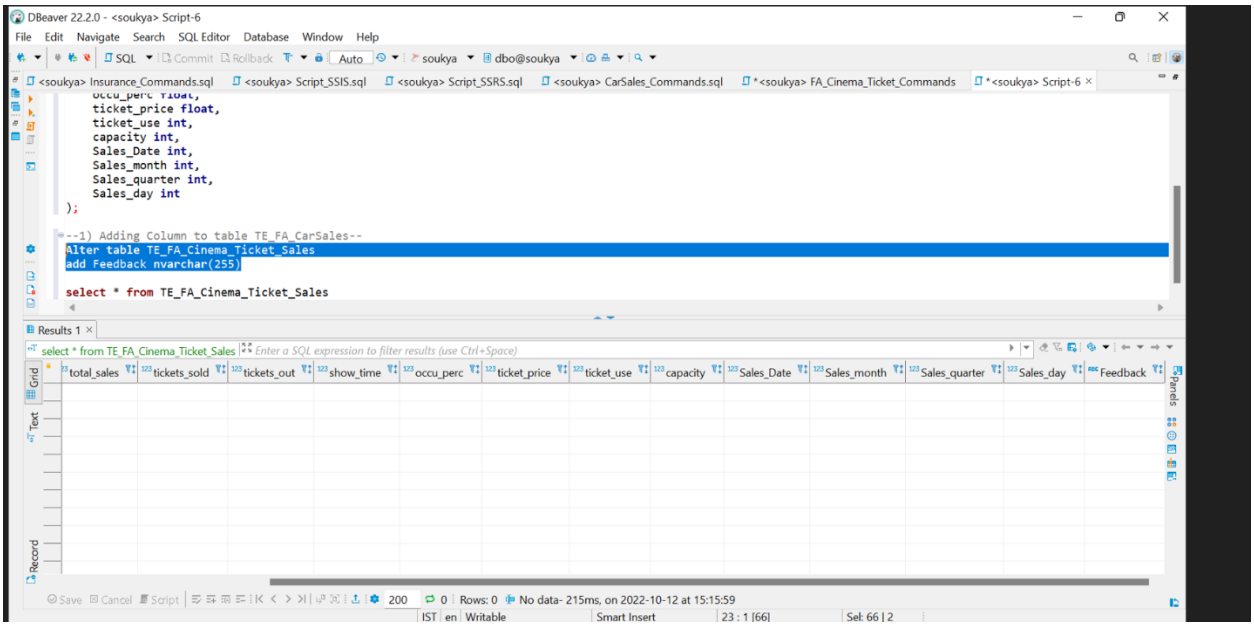
IST en Writable Smart Insert 113 : 64 [63] Sel: 63 | 1

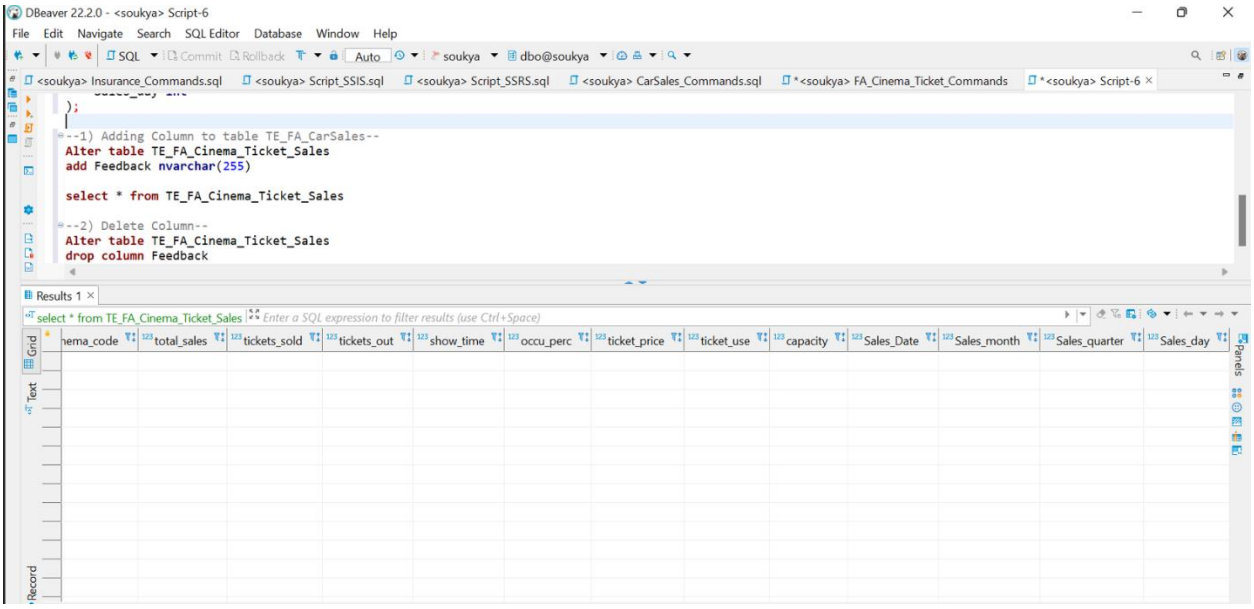
5:28 PM 10/6/2022

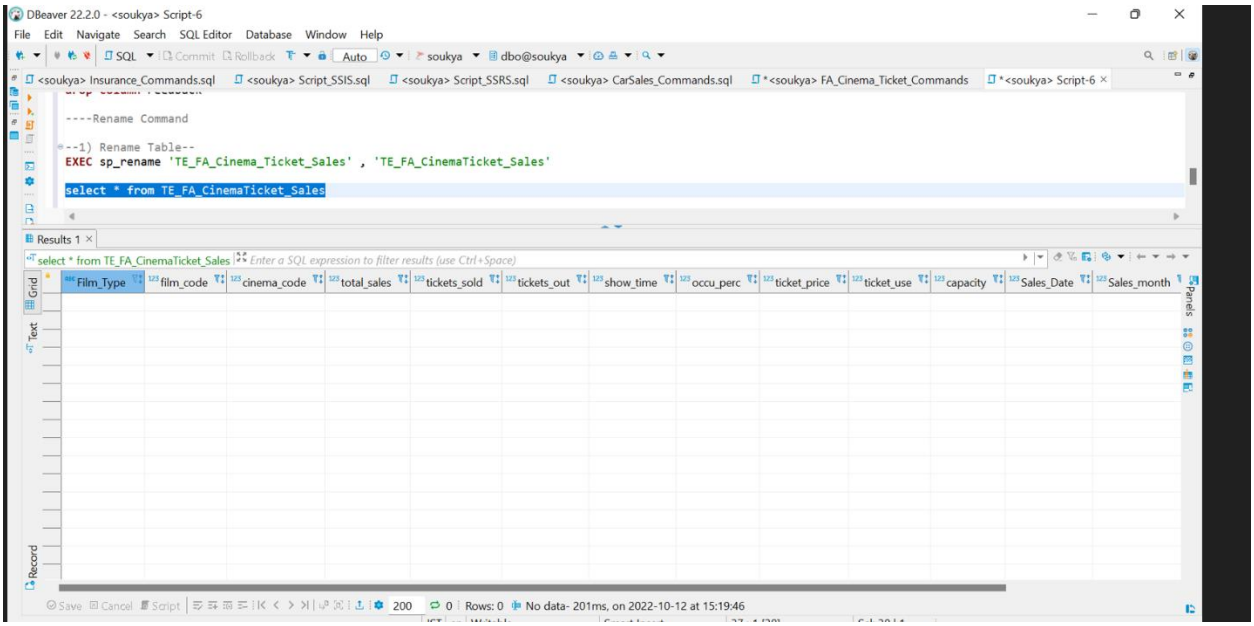
1)DDL and DML commands for third data source – Cinema Ticket

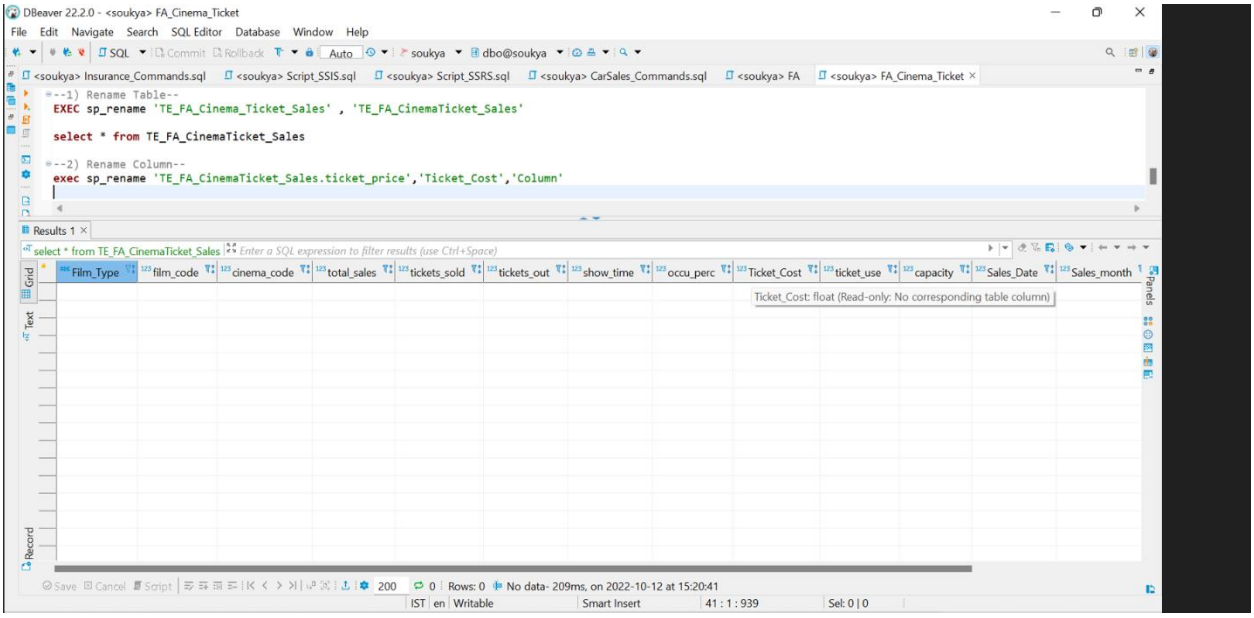
DDL Commands

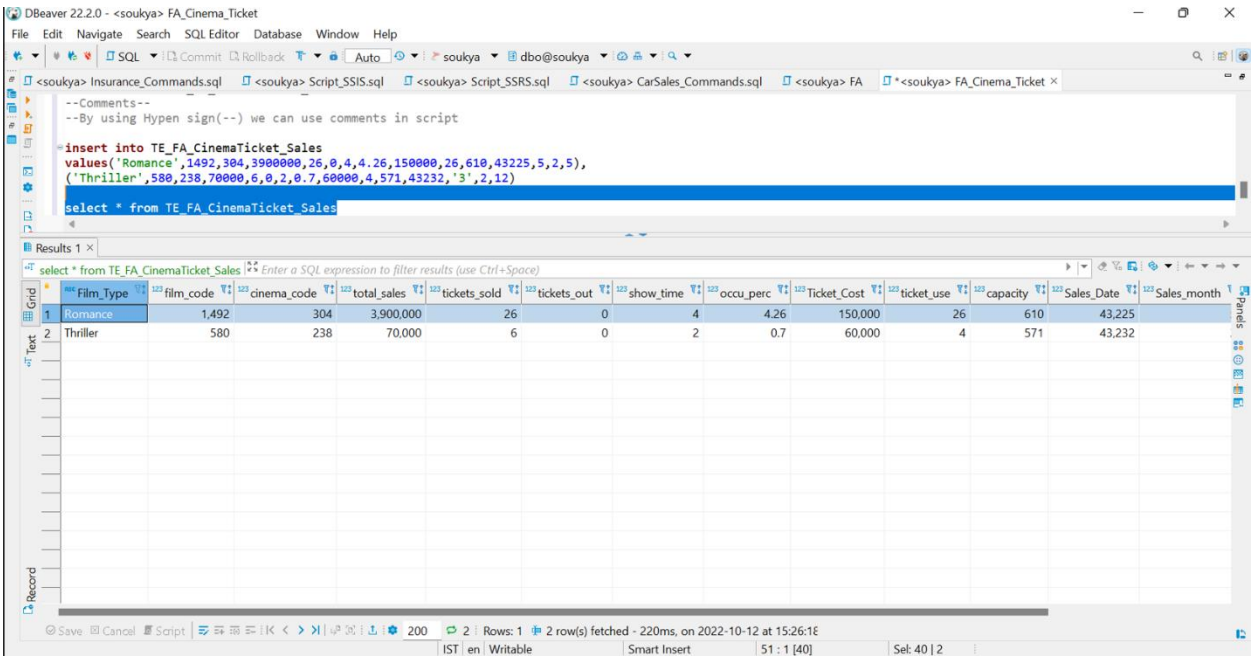





DBeaver 22.2.0 - <soukya> Script-6
File Edit Navigate Search SQL Editor Database Window Help
<soukya> Insurance_Commands.sql
<soukya> Script_SSIS.sql
<soukya> Script_SSRS.sql
<soukya> CarSales_Commands.sql
*<soukya> FA_Cinema_Ticket_Commands
*<soukya> Script-6
);
--1) Adding Column to table TE_FA_CarSales--
Alter table TE_FA_Cinema_Ticket_Sales
add Feedback nvarchar(255)
select * from TE_FA_Cinema_Ticket_Sales
--2) Delete Column--
Alter table TE_FA_Cinema_Ticket_Sales
drop column Feedback
Results 1
select * from TE_FA_Cinema_Ticket_Sales
Enter a SQL expression to filter results (use Ctrl+Space)
total_sales
tickets_sold
tickets_out
show_time
occu_perc
ticket_price
ticket_use
capacity
Sales_Date
Sales_month
Sales_quarter
Sales_day


DBeaver 22.2.0 - <soukya> Script-6
File Edit Navigate Search SQL Editor Database Window Help
<soukya> Insurance_Commands.sql
<soukya> Script_SSIS.sql
<soukya> Script_SSRS.sql
<soukya> CarSales_Commands.sql
*<soukya> FA_Cinema_Ticket_Commands
*<soukya> Script-6
----Rename Command
--1) Rename Table--
EXEC sp_rename 'TE_FA_Cinema_Ticket_Sales' , 'TE_FA_CinemaTicket_Sales'
select * from TE_FA_CinemaTicket_Sales
Results 1
select * from TE_FA_CinemaTicket_Sales
Enter a SQL expression to filter results (use Ctrl+Space)
Film_Type
film_code
cinema_code
total_sales
tickets_sold
tickets_out
show_time
occu_perc
ticket_price
ticket_use
capacity
Sales_Date
Sales_month
Rows: 0
No data- 201ms, on 2022-10-12 at 15:19:46


DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket
--1) Rename Table--
EXEC sp_rename 'TE_FA_Cinema_Ticket_Sales' , 'TE_FA_CinemaTicket_Sales'
select * from TE_FA_CinemaTicket_Sales
--2) Rename Column--
exec sp_rename 'TE_FA_CinemaTicket_Sales.ticket_price','Ticket_Cost','Column'
Film_Type
film_code
cinema_code
total_sales
tickets_sold
tickets_out
show_time
occu_perc
Ticket_Cost
ticket_use
capacity
Sales_Date
Sales_month
Ticket_Cost: float (Read-only: No corresponding table column)
Rows: 0
No data- 209ms, on 2022-10-12 at 15:20:41


DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket
--Comments--
--By using Hypen sign(--) we can use comments in script
insert into TE_FA_CinemaTicket_Sales
values('Romance',1492,304,3900000,26,0,4,4.26,150000,26,610,43225,5,2,5),
('Thriller',580,238,70000,6,0,2,0.7,60000,4,571,43232,'3',2,12)
select * from TE_FA_CinemaTicket_Sales
Romance 1,492 304 3,900,000 26 0 4 4.26 150,000 26 610 43,225
Thriller 580 238 70,000 6 0 2 0.7 60,000 4 571 43,232
Rows: 1
2 row(s) fetched - 220ms, on 2022-10-12 at 15:26:18

DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Insurance_Commands.sql | <soukya> Script_SSIS.sql | <soukya> Script_SSRS.sql | <soukya> CarSales_Commands.sql | <soukya> FA | *<soukya> FA_Cinema_Ticket

```sql
--Truncate Table--

truncate table TE_FA_CinemaTicket_Sales
--Comments--
--By using Hypen sign(--) we can use comments in script

insert into TE_FA_CinemaTicket_Sales
values('Romance',1492,304,3900000,26,0,4,4.26,150000,26,610,43225,5,2,5),
('Thriller',580,238,70000,6,0,2,0.7,60000,4,571,43232,'3',2,12)

select * from TE_FA_CinemaTicket_Sales

--Update Command--

--Updating Entire Column--
update TE_FA_CinemaTicket_Sales set tickets_out = 2
```

Results 1

select * from TE_FA_CinemaTicket_Sales

	Film_Type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_perc	Ticket_Cost	ticket_use	capacity	Sales_Date	Sales_mon
1	Action	1,482	292	9,120,000	152	2	4	20.88	60,000	152	728	43,196	
2	Action	1,482	454	8,250,000	165	2	2	27.5	50,000	165	600	43,196	
3	Action	1,482	474	8,080,000	105	2	2	44.87	76,952.38095	105	234	43,196	
4	Action	1,482	529	7,920,000	66	2	2	73.33	120,000	66	90	43,196	
5	Action	1,482	324	7,840,000	112	2	4	13.59	70,000	112	824	43,196	
6	Action	1,482	381	6,900,000	115	2	4	16.91	60,000	115	680	43,196	
7	Action	1,482	299	6,650,000	167	2	2	17.88	39,820.35928	167	934	43,196	
8	Action	1,482	285	6,600,000	66	2	3	13.75	100,000	66	480	43,196	

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 281ms (16ms fetch), on 2022-1(

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DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Insurance_Commands.sql | <soukya> Script_SSIS.sql | <soukya> Script_SSRS.sql | <soukya> CarSales_Commands.sql | <soukya> FA | <soukya> FA_Cinema_Ticket

```sql
--By using Hypen sign(--) we can use comments in script

insert into TE_FA_CinemaTicket_Sales
values('Romance',1492,304,3900000,26,0,4,4.26,150000,26,610,43225,5,2,5),
('Thriller',580,238,70000,6,0,2,0.7,60000,4,571,43232,'3',2,12)

select * from TE_FA_CinemaTicket_Sales

--Update Command--

--Updating Entire Column--
update TE_FA_CinemaTicket_Sales set tickets_out = 2

--Updating 2 columns at a time--
update TE_FA_CinemaTicket_Sales  set tickets_out = 1,tickets_sold = 50 where cinema_code = 454

select * from TE_FA_CinemaTicket_Sales
```

Results 1

select * from TE_FA_CinemaTicket_Sales

	Film_Type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_perc	Ticket_Cost	ticket_use	capacity	Sales_Date	Sales_mon
1	Action	1,482	292	9,120,000	152	2	4	20.88	60,000	152	728	43,196	
2	Action	1,482	454	8,250,000	50	1	2	27.5	50,000	165	600	43,196	
3	Action	1,482	474	8,080,000	105	2	2	44.87	76,952.38095	105	234	43,196	
4	Action	1,482	529	7,920,000	66	2	2	73.33	120,000	66	90	43,196	
5	Action	1,482	324	7,840,000	112	2	4	13.59	70,000	112	824	43,196	
6	Action	1,482	381	6,900,000	115	2	4	16.91	60,000	115	680	43,196	
7	Action	1,482	299	6,650,000	167	2	2	17.88	39,820.35928	167	934	43,196	
8	Action	1,482	285	6,600,000	66	2	3	13.75	100,000	66	480	43,196	

DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Insurance_Commands.sql | <soukya> Script_SSIS.sql | <soukya> Script_SSRS.sql | <soukya> CarSales_Commands.sql | <soukya> FA | *<soukya> FA_Cinema_Ticket

```
values('Romance',1492,304,3900000,26,0,4,4.26,150000,26,610,43225,5,2,5),
('Thriller',580,238,70000,6,0,2,0.7,60000,4,571,43232,'3',2,12)

select * from TE_FA_CinemaTicket_Sales

--Update Command--

--Updating Entire Column--
update TE_FA_CinemaTicket_Sales set tickets_out = 2

--Updating 2 columns at a time--
update TE_FA_CinemaTicket_Sales  set tickets_out = 1,tickets_sold = 50 where cinema_code = 454

select * from TE_FA_CinemaTicket_Sales

-- Updating Multiple Records in Row
update TE_FA_CinemaTicket_Sales set tickets_sold = 55, show_time = 2  where cinema_code = 529
```

Results 1

select * from TE_FA_CinemaTicket_Sales

	Film_Type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_perc	Ticket_Cost	ticket_use	capacity	Sales_Date	Sales_mon
1	Action	1,482	292	9,120,000	152	2	4	20.88	60,000	152	728	43,196	
2	Action	1,482	454	8,250,000	50	1	2	27.5	50,000	165	600	43,196	
3	Action	1,482	474	8,080,000	105	2	2	44.87	76,952.38095	105	234	43,196	
4	Action	1,482	529	7,920,000	55	2	2	73.33	120,000	66	90	43,196	
5	Action	1,482	324	7,840,000	112	2	4	13.59	70,000	112	824	43,196	
6	Action	1,482	381	6,900,000	115	2	4	16.91	60,000	115	680	43,196	
7	Action	1,482	299	6,650,000	167	2	2	17.88	39,820.35928	167	934	43,196	
8	Action	1,482	285	6,600,000	66	2	3	13.75	100,000	66	480	43,196	

DBeaver 22.2.0 - <soukya> FA_Cinema_Ticket

File Edit Navigate Search SQL Editor Database Window Help

<soukya> Insurance_Commands.sql | <soukya> Script_SSIS.sql | <soukya> Script_SSRS.sql | <soukya> CarSales_Commands.sql | <soukya> FA | *<soukya> FA_Cinema_Ticket

```
--Updating Entire Column--
update TE_FA_CinemaTicket_Sales set tickets_out = 2

--Updating 2 columns at a time--
update TE_FA_CinemaTicket_Sales  set tickets_out = 1,tickets_sold = 50 where cinema_code = 454

select * from TE_FA_CinemaTicket_Sales

-- Updating Multiple Records in Row
update TE_FA_CinemaTicket_Sales set tickets_sold = 55, show_time = 2  where cinema_code = 529

--Delete Command--

--Delete Single Row--
Delete from TE_FA_CinemaTicket_Sales where cinema_code = 299

select * from TE_FA_CinemaTicket_Sales
```

Results 1

select * from TE_FA_CinemaTicket_Sales

	Film_Type	film_code	cinema_code	total_sales	tickets_sold	tickets_out	show_time	occu_perc	Ticket_Cost	ticket_use	capacity	Sales_Date	Sales_mon
1	Action	1,482	292	9,120,000	152	2	4	20.88	60,000	152	728	43,196	
2	Action	1,482	454	8,250,000	50	1	2	27.5	50,000	165	600	43,196	
3	Action	1,482	474	8,080,000	105	2	2	44.87	76,952.38095	105	234	43,196	
4	Action	1,482	529	7,920,000	55	2	2	73.33	120,000	66	90	43,196	
5	Action	1,482	324	7,840,000	112	2	4	13.59	70,000	112	824	43,196	
6	Action	1,482	381	6,900,000	115	2	4	16.91	60,000	115	680	43,196	
7	Action	1,482	285	6,600,000	66	2	3	13.75	100,000	66	480	43,196	
8	Action	1,482	456	6,540,000	109	2	2	55.9	60,000	109	195	43,196	