E-Commerce
Database Management System

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Problem Statement

The aim of the project is to make a database for an E-Commerce site to manage the orders on their website and maintain all the orders and transactions made through their site. It is normalised to maximum extent to reduce data redundancy as much as possible to make the database work faster and efficiently.

In this project,
Products are sold by Sellers belonging to different companies through this E-Commerce website
Each Product is classified into Categories
Customer orders products from this E-Commerce website
Order is done after payment is accepted
Once order is placed, order details and delivery dates are issued
After a successful order, Transaction reports are issued.

Database Description

Customer

{ Primary Key: Customer_ID }

The Customer table stores personal information about each customer, uniquely identified by Customer_ID. This table stores information like First_Name, Last_Name of the Customer, Address information like H.No, Street, City, State, Pin_code, District, Country, Contact information like Email id and phone number.

Payment

{ Primary Key: Payment_ID; Foreign Key: Category_ID }

This table consists of payment information like Payment date, How much amount has been paid or to be paid, Status of the payment and the type of payment. Each payment is uniquely identified by Payment_ID.

Category

{ Primary Key: Category_ID }

This table consists of categories of the particular item's information like What is the name of the category and what type of category it is. Every category is uniquely identified by category_id.

Seller

{ Primary Key: Seller_ID }

The Seller table stores personal information about each Seller, uniquely identified by Seller_ID. This table consists of information about the seller like his first_name, last_name, name of his company, city, country and pincode.

Deliveries

{ Primary Key: Delivery_ID; Foreign Key: Customer_ID }

This table consists of Delivery information of a particular order like What is the date of the delivery, Delivery status. Every record is uniquely identified by Delivery_ID.

Products

{ Primary Key: Product_ID; Foreign Key: Category_ID, Seller_ID }

This table consists of the product's information like name of the product, cost, manufacture_date. Every product is uniquely identified by product_id;

Transaction_Reports

{ Primary Key: Report_ID; Foreign Key: Payment_ID, Product_ID, Customer_ID, Order_ID }

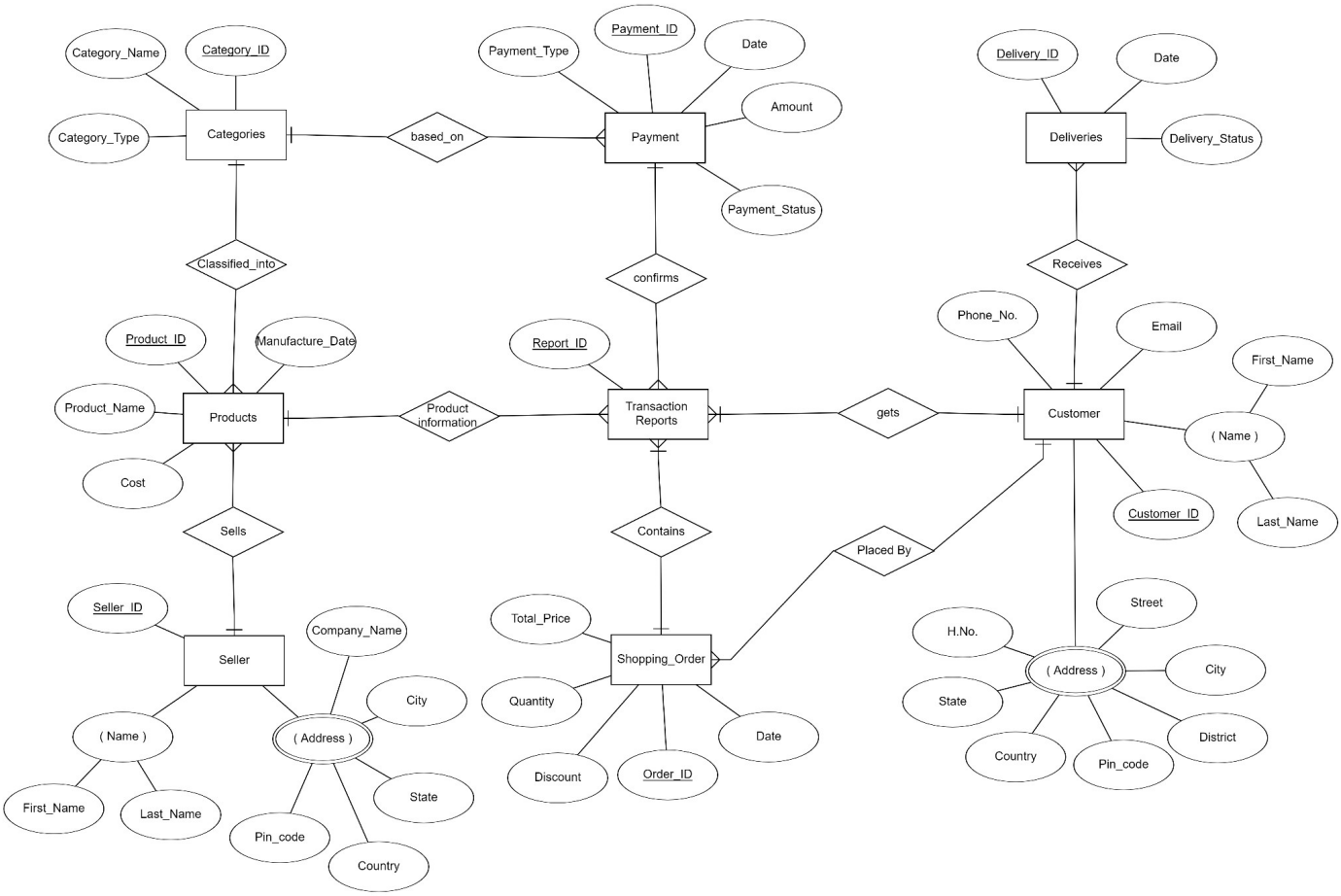
This table consists of the information regarding transactions. It consists of information like payment_id, product_id, customer_id, order_id. Every Transaction report is uniquely identified by report_id.

Shopping_Order

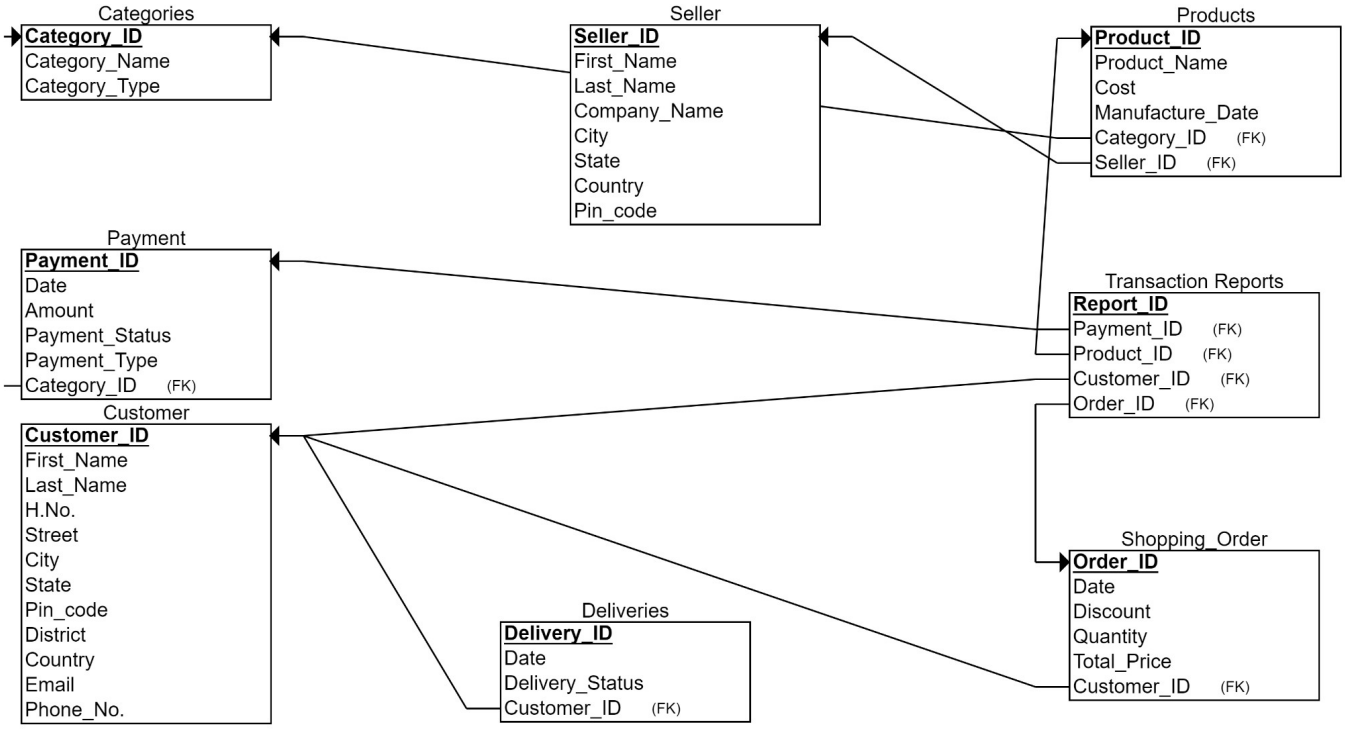
{ Primary Key: Customer_ID; Foreign Key: Customer_ID }

This table consists of information regarding shopping order details like date when order is issued, discount on the product, quantity of items purchased, total price (billing). Each order is uniquely identified by order_id.

ER Diagram of Database



Relational Schema



Functional Dependencies and Normalisation

Customer

Customer_ID ⟶ First_Name, Last_Name, H.No., Street, City, State, Pin_code, District, Country, Email, Phone_No.

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Payment

Payment_ID ⟶ Date, Amount, Payment_Status, Payment_Type, Category_ID

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Category

Category_ID ⟶ Category_Name, Category_Type

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Seller

Seller_ID ⟶ First_Name, Last_Name, Company_Name, City, State, Country, Pin_code

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Deliveries

Delivery_ID ⟶ Date, Delivery_Status, Customer_ID

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Products

Product_ID ⟶ Product_Name, Cost, Manufacture_Date, Category_ID, Seller_ID

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

Transaction_Reports

Report_ID ⟶ Payment_ID, Product_ID, Customer_ID, Order_ID

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

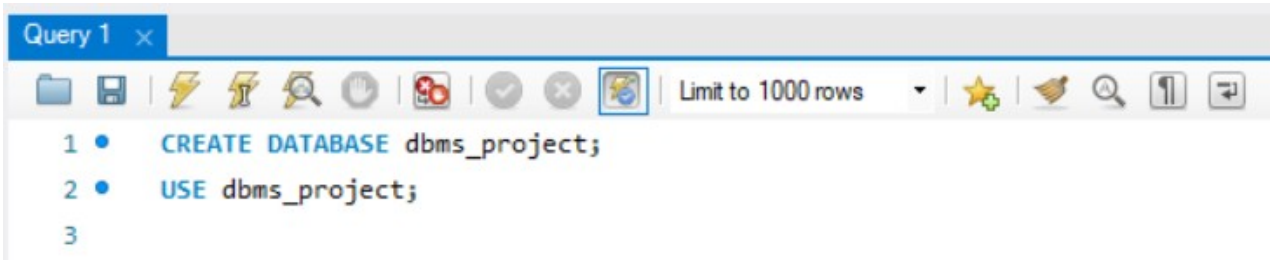
Shopping_Order

Order_ID ⟶ Date, Discount, Quantity, Total_Price, Customer_ID

- All attributes and their values are atomic and therefore in 1NF.
- All attributes are fully dependent on the primary key, Customer_ID. Therefore, the table is in 2NF.
- The relation had no transitive functional dependencies too and in 2 NF which makes the relation in 3NF.

SQL Implementation:

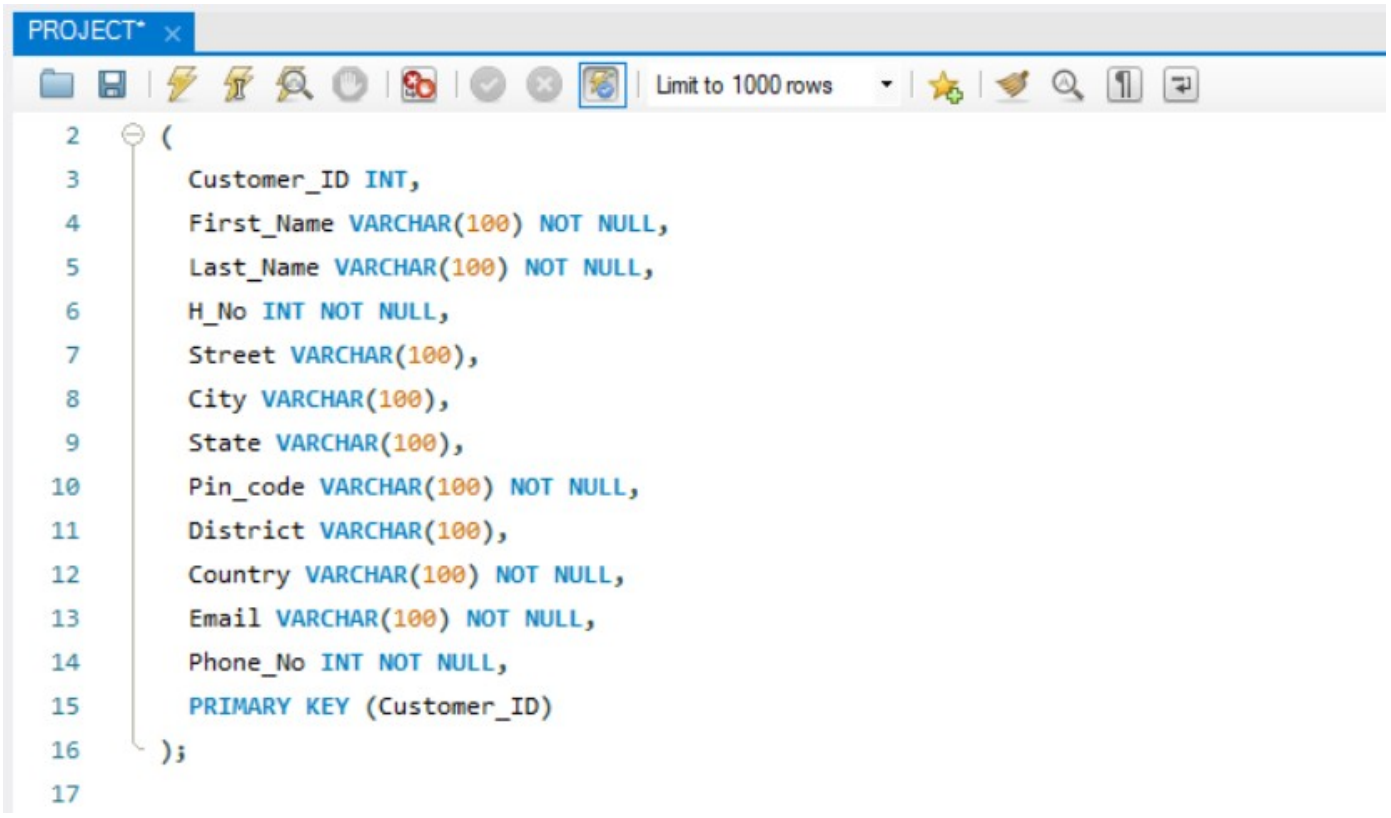
Creation of Database



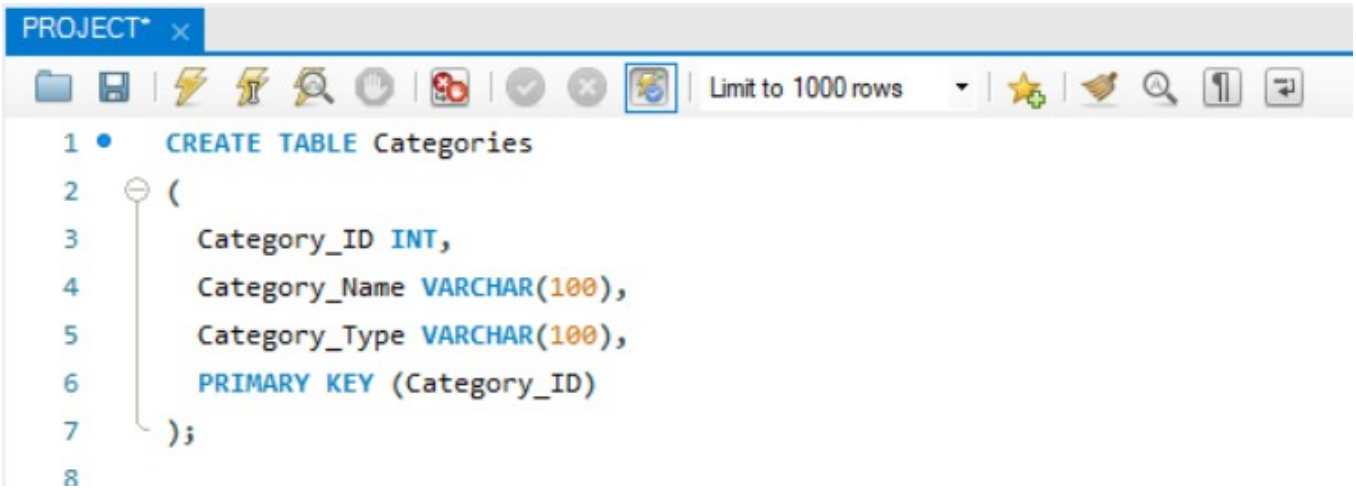
CREATE DATABASE dbms_project;
USE dbms_project;

Creation of Tables:

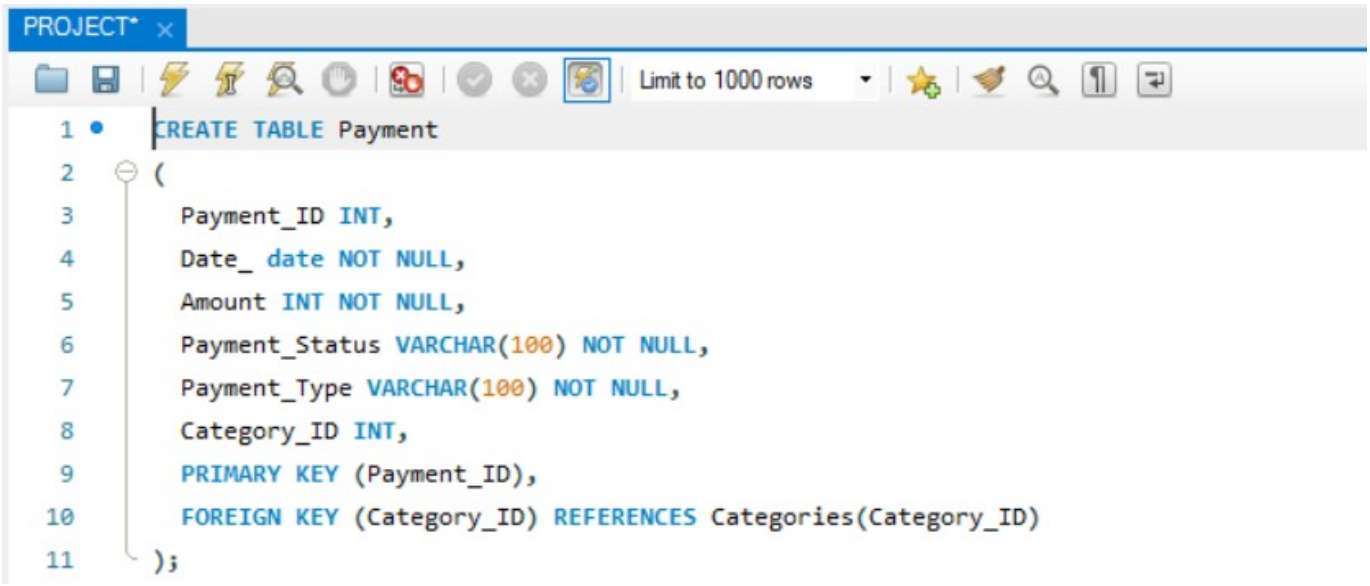
Customer



Categories

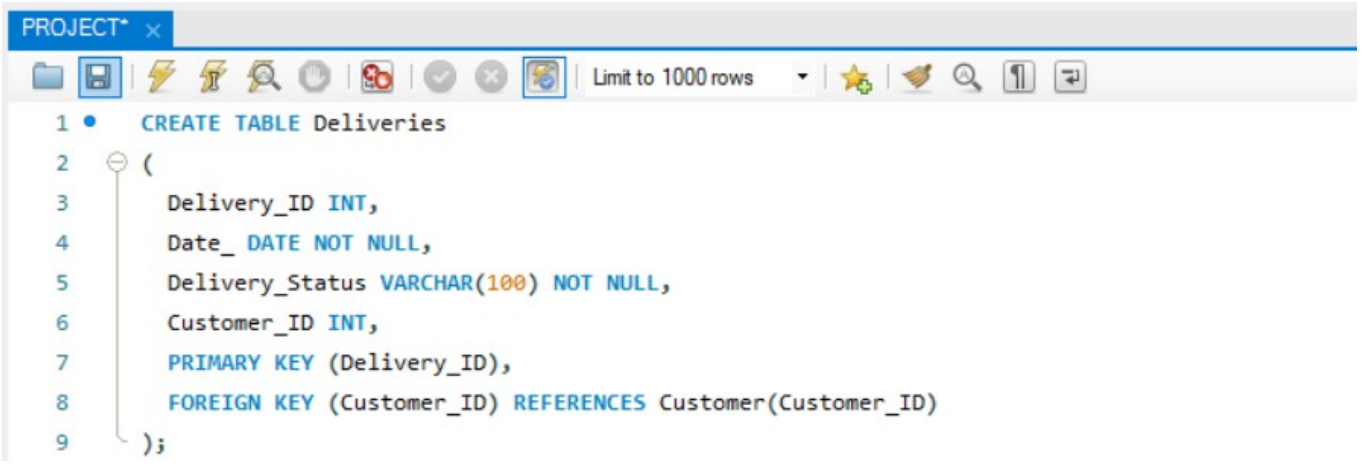


Payment

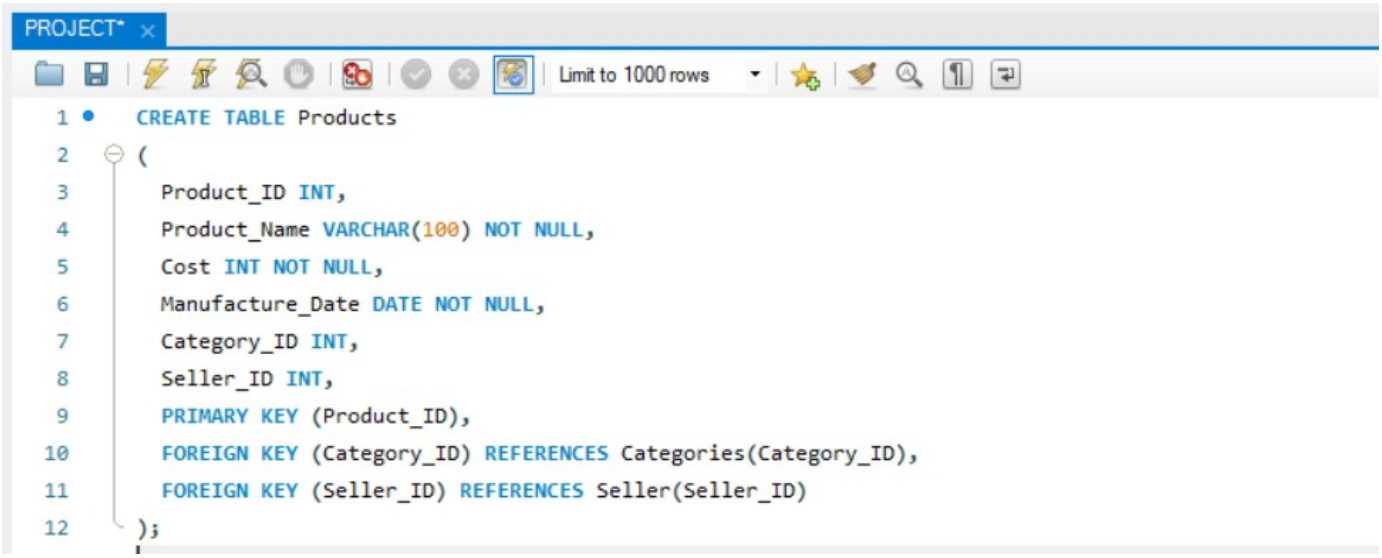


Seller

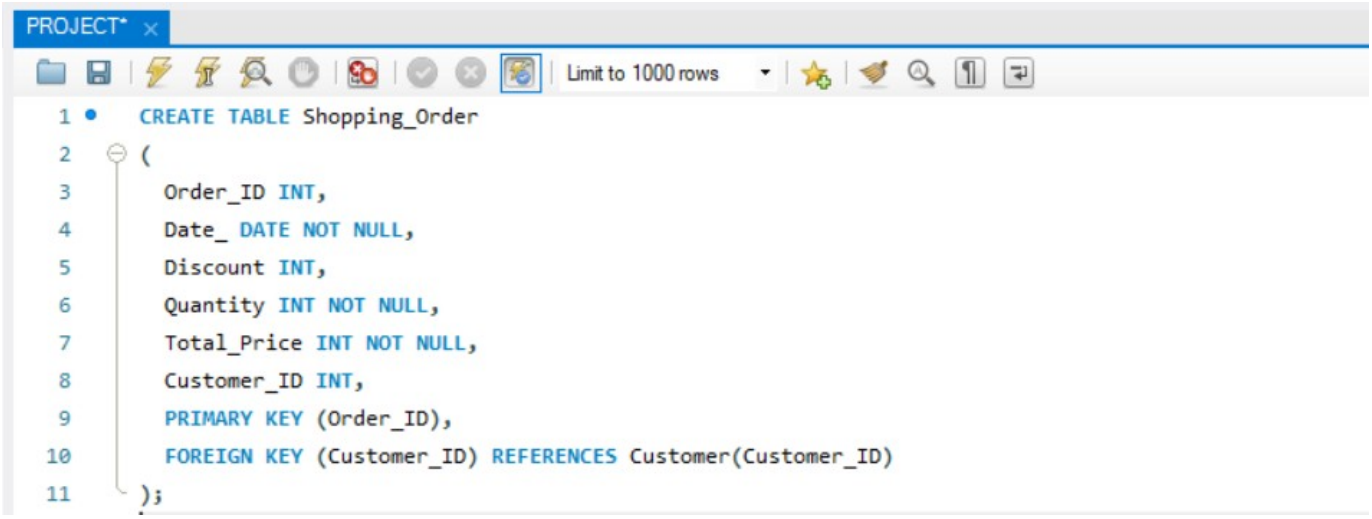
Deliveries



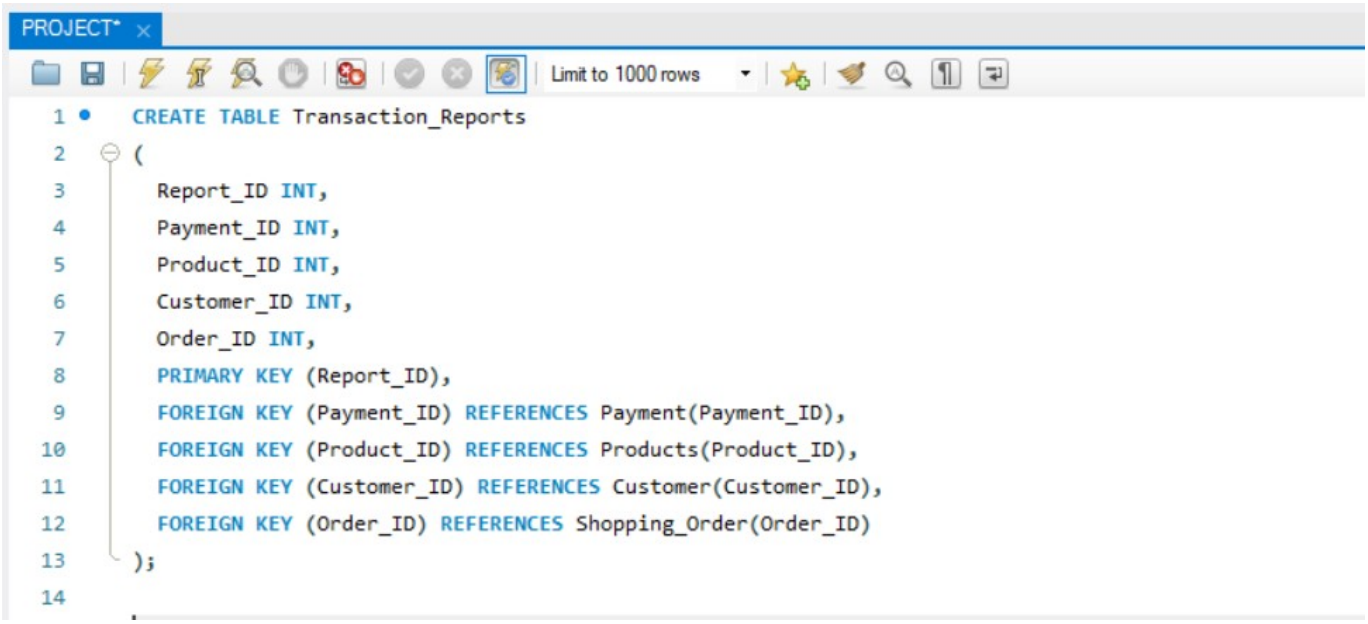
Products



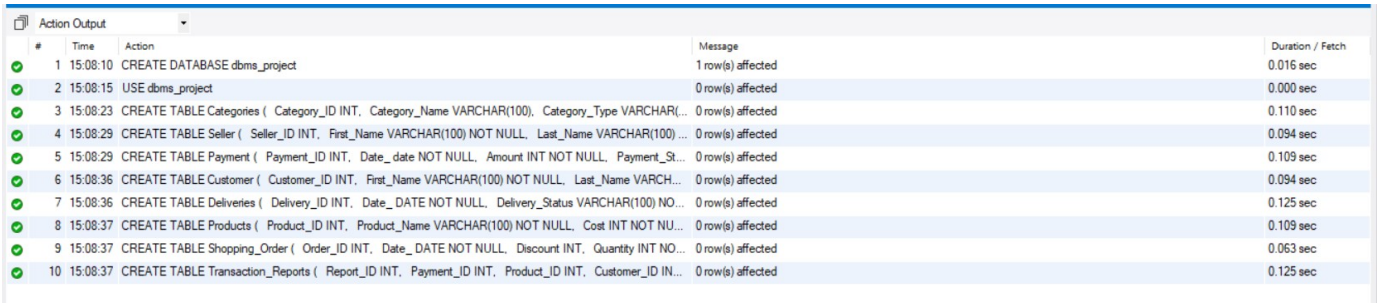
Shopping_Order



Transaction_Reports

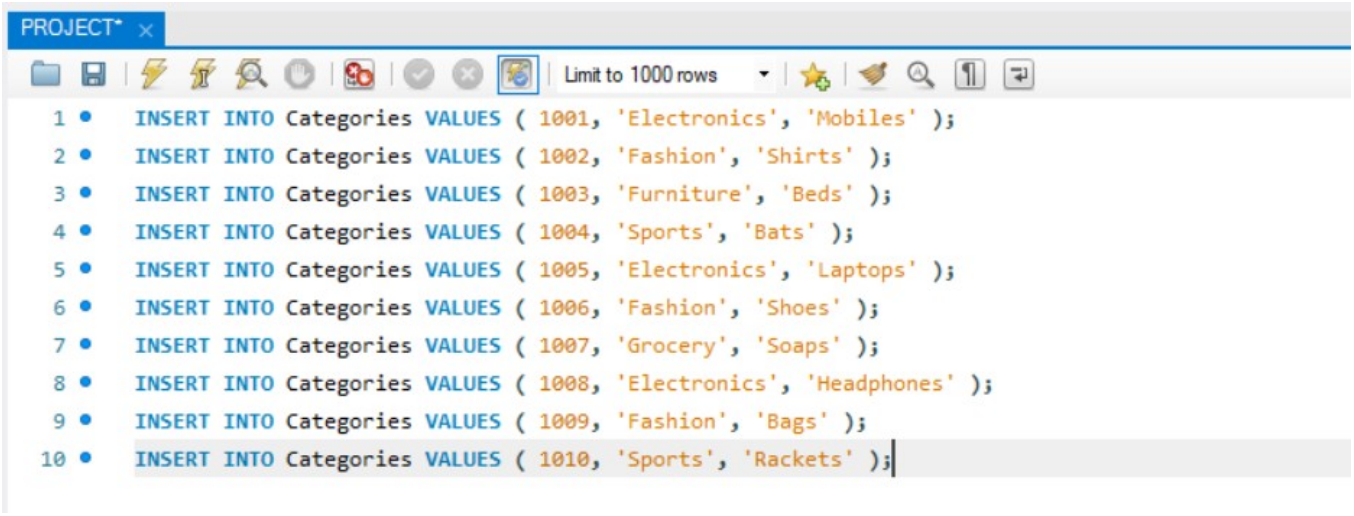


Snapshot of creation of table:



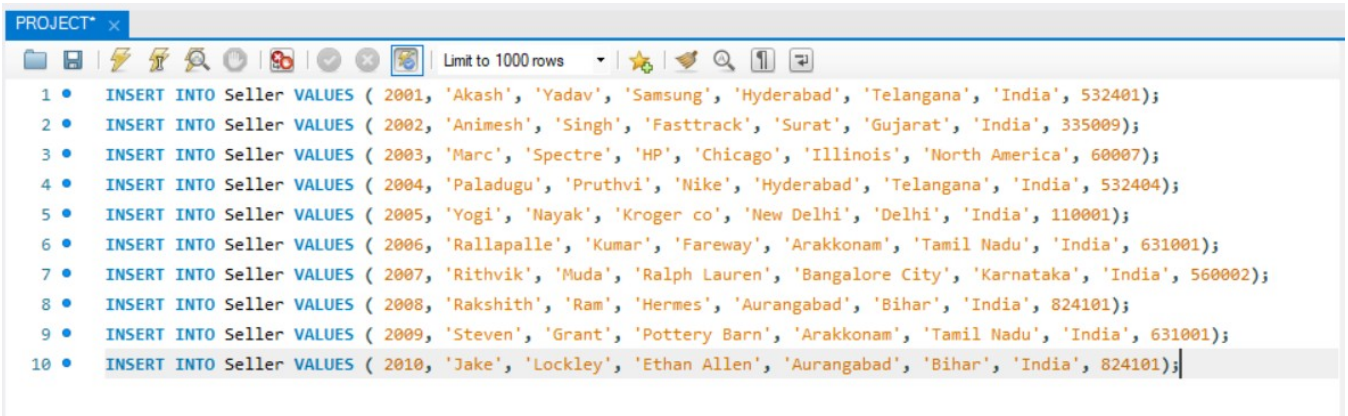
Values Insertion

Categories:



INSERT INTO Categories VALUES (1001, 'Electronics', 'Mobiles');
INSERT INTO Categories VALUES (1002, 'Fashion', 'Shirts');
INSERT INTO Categories VALUES (1003, 'Furniture', 'Beds');
INSERT INTO Categories VALUES (1004, 'Sports', 'Bats');
INSERT INTO Categories VALUES (1005, 'Electronics', 'Laptops');
INSERT INTO Categories VALUES (1006, 'Fashion', 'Shoes');
INSERT INTO Categories VALUES (1007, 'Grocery', 'Soaps');
INSERT INTO Categories VALUES (1008, 'Electronics', 'Headphones');
INSERT INTO Categories VALUES (1009, 'Fashion', 'Bags');
INSERT INTO Categories VALUES (1010, 'Sports', 'Rackets');

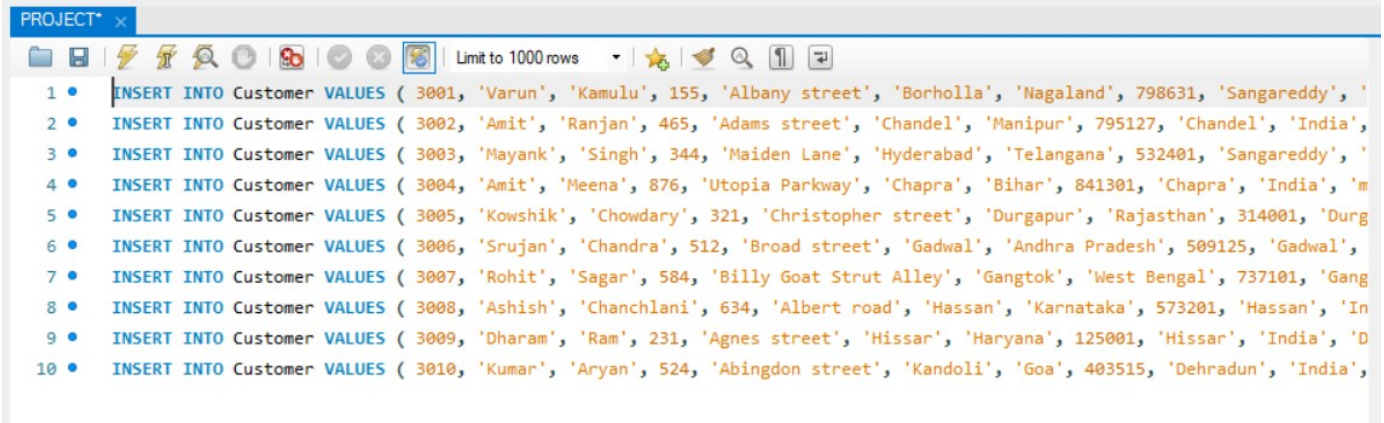
Seller:



INSERT INTO Seller VALUES (2001, 'Akash', 'Yadav', 'Samsung', 'Hyderabad', 'Telangana',

'India', 532401);
INSERT INTO Seller VALUES (2002, 'Animesh', 'Singh', 'Fasttrack', 'Surat', 'Gujarat', 'India', 335009);
INSERT INTO Seller VALUES (2003, 'Marc', 'Spectre', 'HP', 'Chicago', 'Illinois', 'North America', 60007);
INSERT INTO Seller VALUES (2004, 'Paladugu', 'Pruthvi', 'Nike', 'Hyderabad', 'Telangana', 'India', 532404);
INSERT INTO Seller VALUES (2005, 'Yogi', 'Nayak', 'Kroger co', 'New Delhi', 'Delhi', 'India', 110001);
INSERT INTO Seller VALUES (2006, 'Rallapalle', 'Kumar', 'Fareway', 'Arakkonam', 'Tamil Nadu', 'India', 631001);
INSERT INTO Seller VALUES (2007, 'Rithvik', 'Muda', 'Ralph Lauren', 'Bangalore City', 'Karnataka', 'India', 560002);
INSERT INTO Seller VALUES (2008, 'Rakshith', 'Ram', 'Hermes', 'Aurangabad', 'Bihar', 'India', 824101);
INSERT INTO Seller VALUES (2009, 'Steven', 'Grant', 'Pottery Barn', 'Arakkonam', 'Tamil Nadu', 'India', 631001);
INSERT INTO Seller VALUES (2010, 'Jake', 'Lockley', 'Ethan Allen', 'Aurangabad', 'Bihar', 'India', 824101);

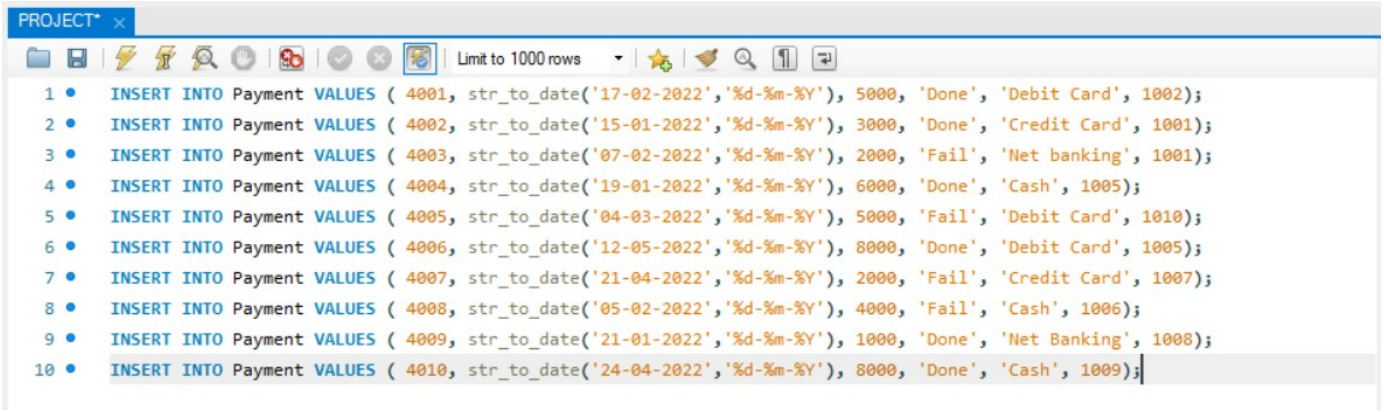
Customer:



INSERT INTO Customer VALUES (3001, 'Varun', 'Kamulu', 155, 'Albany street', 'Borholla', 'Nagaland', 798631, 'Sangareddy', 'India', 'KamuluVarun123@gmail.com', 2313425);
INSERT INTO Customer VALUES (3002, 'Amit', 'Ranjan', 465, 'Adams street', 'Chandel', 'Manipur', 795127, 'Chandel', 'India', 'amitranjan817@gmail.com', 5762347);
INSERT INTO Customer VALUES (3003, 'Mayank', 'Singh', 344, 'Maiden Lane', 'Hyderabad', 'Telangana', 532401, 'Sangareddy', 'India', 'mayankbisth111@gmail.com', 6754698);
INSERT INTO Customer VALUES (3004, 'Amit', 'Meena', 876, 'Utopia Parkway', 'Chapra', 'Bihar', 841301, 'Chapra', 'India', 'meenaamit111@gmail.com', 9145289);
INSERT INTO Customer VALUES (3005, 'Kowshik', 'Chowdary', 321, 'Christopher street', 'Durgapur', 'Rajasthan', 314001, 'Durgapur', 'India', 'Kowshik123@gmail.com', 8265294);
INSERT INTO Customer VALUES (3006, 'Srujan', 'Chandra', 512, 'Broad street', 'Gadwal', 'Andhra Pradesh', 509125, 'Gadwal', 'India', 'Srujanchandra153@gmail.com', 2275624);
INSERT INTO Customer VALUES (3007, 'Rohit', 'Sagar', 584, 'Billy Goat Strut Alley', 'Gangtok', 'West Bengal', 737101, 'Gangtok', 'India', 'SagarRohith1827@gmail.com', 6849350);

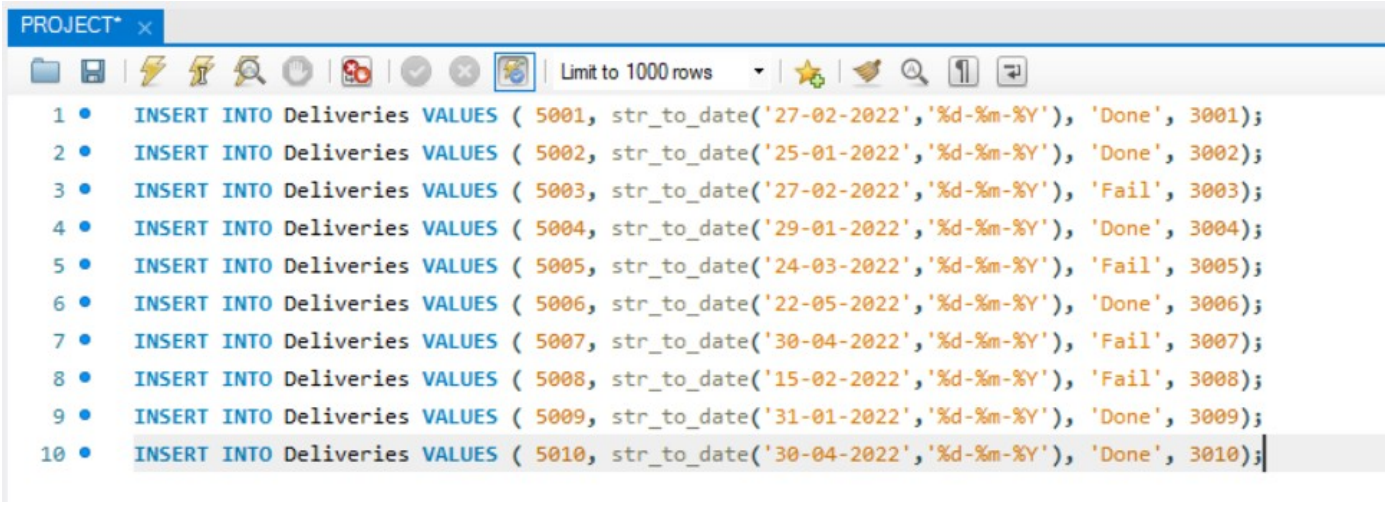
INSERT INTO Customer VALUES (3008, 'Ashish', 'Chanchlani', 634, 'Albert road', 'Hassan', 'Karnataka', 573201, 'Hassan', 'India', 'ChanchalaniAshish@gmail.com', 7565467);
INSERT INTO Customer VALUES (3009, 'Dharam', 'Ram', 231, 'Agnes street', 'Hissar', 'Haryana', 125001, 'Hissar', 'India', 'DharamRammech7@gmail.com', 6324156);
INSERT INTO Customer VALUES (3010, 'Kumar', 'Aryan', 524, 'Abingdon street', 'Kandoli', 'Goa', 403515, 'Dehradun', 'India', 'KumarAryanbio99@gmail.com', 7656471);

Payment:



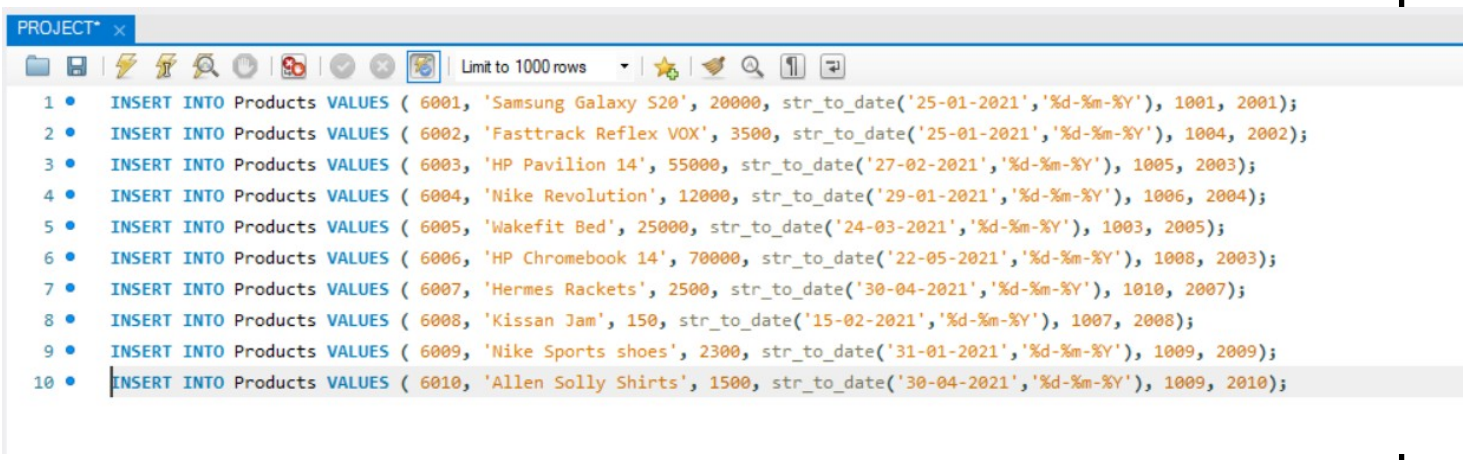
INSERT INTO Payment VALUES (4001, str_to_date('17-02-2022','%d-%m-%Y'), 5000, 'Done', 'Debit Card', 1002);
INSERT INTO Payment VALUES (4002, str_to_date('15-01-2022','%d-%m-%Y'), 3000, 'Done', 'Credit Card', 1001);
INSERT INTO Payment VALUES (4003, str_to_date('07-02-2022','%d-%m-%Y'), 2000, 'Fail', 'Net banking', 1001);
INSERT INTO Payment VALUES (4004, str_to_date('19-01-2022','%d-%m-%Y'), 6000, 'Done', 'Cash', 1005);
INSERT INTO Payment VALUES (4005, str_to_date('04-03-2022','%d-%m-%Y'), 5000, 'Fail', 'Debit Card', 1010);
INSERT INTO Payment VALUES (4006, str_to_date('12-05-2022','%d-%m-%Y'), 8000, 'Done', 'Debit Card', 1005);
INSERT INTO Payment VALUES (4007, str_to_date('21-04-2022','%d-%m-%Y'), 2000, 'Fail', 'Credit Card', 1007);
INSERT INTO Payment VALUES (4008, str_to_date('05-02-2022','%d-%m-%Y'), 4000, 'Fail', 'Cash', 1006);
INSERT INTO Payment VALUES (4009, str_to_date('21-01-2022','%d-%m-%Y'), 1000, 'Done', 'Net Banking', 1008);
INSERT INTO Payment VALUES (4010, str_to_date('24-04-2022','%d-%m-%Y'), 8000, 'Done', 'Cash', 1009);

Deliveries:



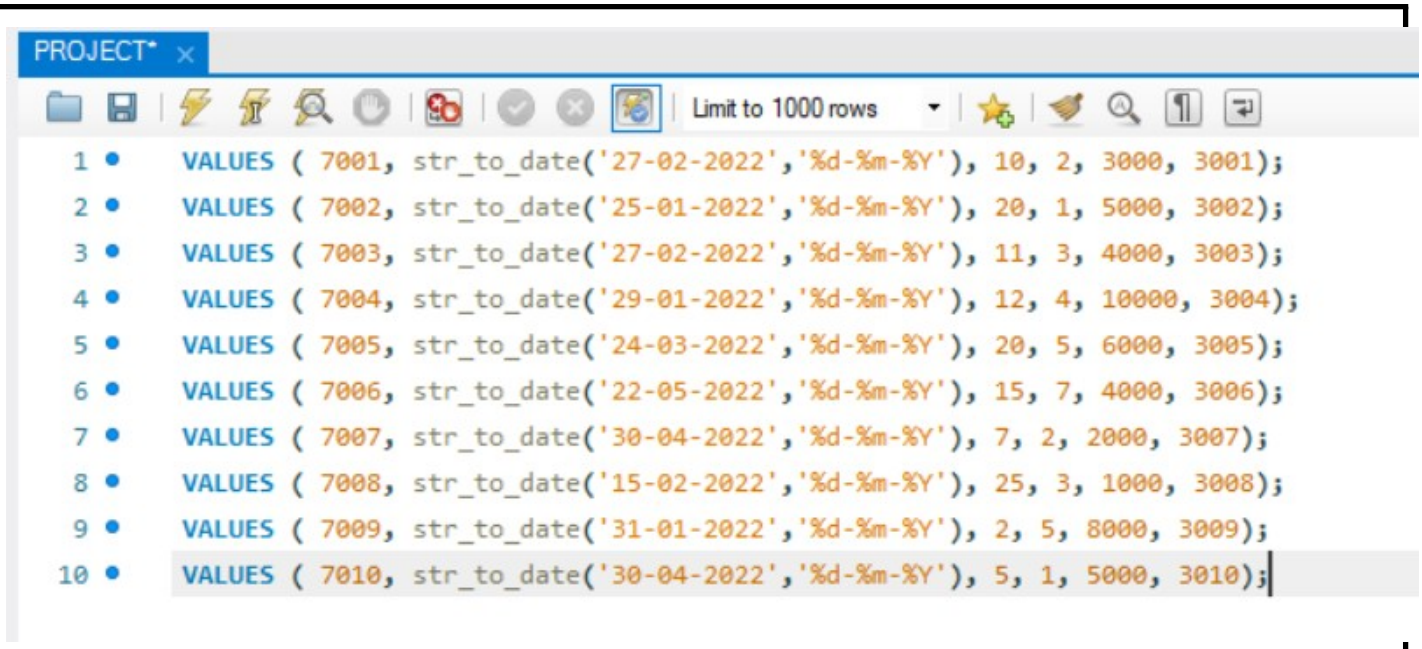

```
INSERT INTO Deliveries VALUES ( 5001, str_to_date('27-02-2022','%d-%m-%Y'), 'Done', 3001);
INSERT INTO Deliveries VALUES ( 5002, str_to_date('25-01-2022','%d-%m-%Y'), 'Done', 3002);
INSERT INTO Deliveries VALUES ( 5003, str_to_date('27-02-2022','%d-%m-%Y'), 'Fail', 3003);
INSERT INTO Deliveries VALUES ( 5004, str_to_date('29-01-2022','%d-%m-%Y'), 'Done', 3004);
INSERT INTO Deliveries VALUES ( 5005, str_to_date('24-03-2022','%d-%m-%Y'), 'Fail', 3005);
INSERT INTO Deliveries VALUES ( 5006, str_to_date('22-05-2022','%d-%m-%Y'), 'Done', 3006);
INSERT INTO Deliveries VALUES ( 5007, str_to_date('30-04-2022','%d-%m-%Y'), 'Fail', 3007);
INSERT INTO Deliveries VALUES ( 5008, str_to_date('15-02-2022','%d-%m-%Y'), 'Fail', 3008);
INSERT INTO Deliveries VALUES ( 5009, str_to_date('31-01-2022','%d-%m-%Y'), 'Done', 3009);
INSERT INTO Deliveries VALUES ( 5010, str_to_date('30-04-2022','%d-%m-%Y'), 'Done', 3010);
```

Products:



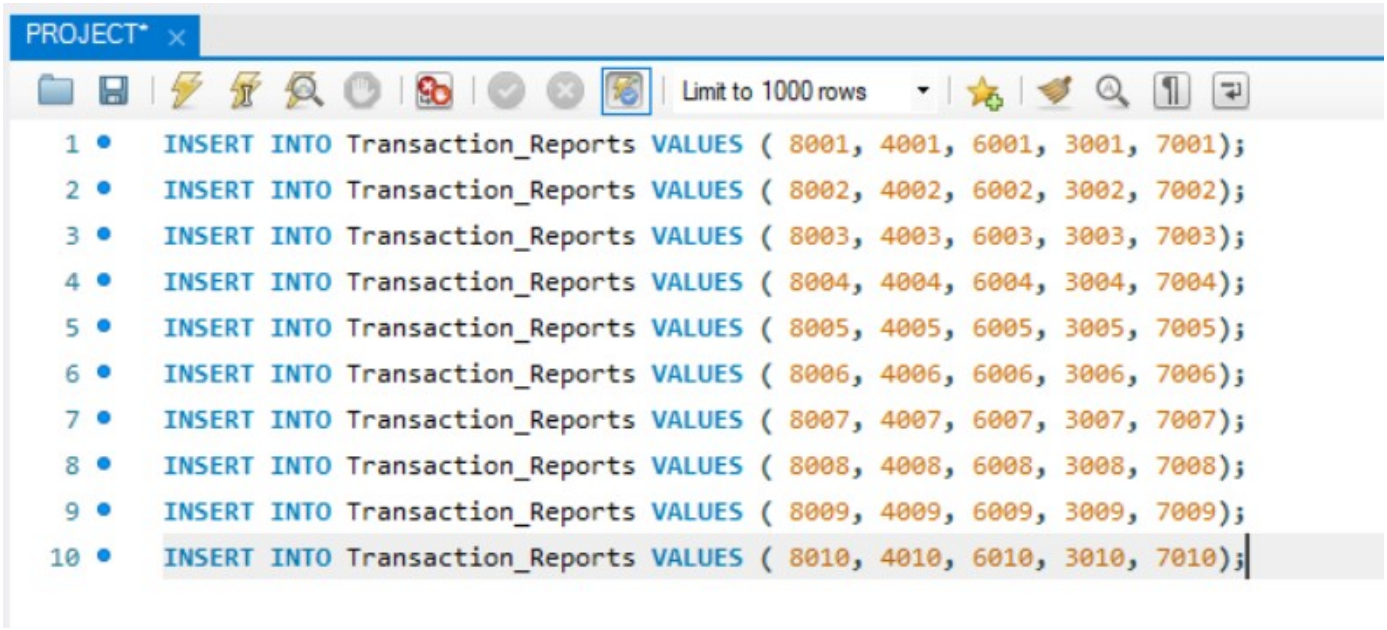

```
INSERT INTO Products VALUES ( 6001, 'Samsung Galaxy S20', 20000,
str_to_date('25-01-2021','%d-%m-%Y'), 1001, 2001);
INSERT INTO Products VALUES ( 6002, 'Fasttrack Reflex VOX', 3500,
str_to_date('25-01-2021','%d-%m-%Y'), 1004, 2002);
INSERT INTO Products VALUES ( 6003, 'HP Pavilion 14', 55000,
str_to_date('27-02-2021','%d-%m-%Y'), 1005, 2003);
INSERT INTO Products VALUES ( 6004, 'Nike Revolution', 12000,
str_to_date('29-01-2021','%d-%m-%Y'), 1006, 2004);
INSERT INTO Products VALUES ( 6005, 'Wakefit Bed', 25000,
str_to_date('24-03-2021','%d-%m-%Y'), 1003, 2005);
INSERT INTO Products VALUES ( 6006, 'HP Chromebook 14', 70000,
str_to_date('22-05-2021','%d-%m-%Y'), 1008, 2003);
INSERT INTO Products VALUES ( 6007, 'Hermes Rackets', 2500,
str_to_date('30-04-2021','%d-%m-%Y'), 1010, 2007);
INSERT INTO Products VALUES ( 6008, 'Kissan Jam', 150,
str_to_date('15-02-2021','%d-%m-%Y'), 1007, 2008);
INSERT INTO Products VALUES ( 6009, 'Nike Sports shoes', 2300,
str_to_date('31-01-2021','%d-%m-%Y'), 1009, 2009);
INSERT INTO Products VALUES ( 6010, 'Allen Solly Shirts', 1500,
str_to_date('30-04-2021','%d-%m-%Y'), 1009, 2010);
```

Shopping_Order:




```
INSERT INTO Shopping_order VALUES ( 7001, str_to_date('27-02-2022','%d-%m-%Y'), 10, 2,
3000, 3001);
INSERT INTO Shopping_order VALUES ( 7002, str_to_date('25-01-2022','%d-%m-%Y'), 20, 1,
5000, 3002);
INSERT INTO Shopping_order VALUES ( 7003, str_to_date('27-02-2022','%d-%m-%Y'), 11, 3,
4000, 3003);
INSERT INTO Shopping_order VALUES ( 7004, str_to_date('29-01-2022','%d-%m-%Y'), 12, 4,
10000, 3004);
INSERT INTO Shopping_order VALUES ( 7005, str_to_date('24-03-2022','%d-%m-%Y'), 20, 5,
6000, 3005);
INSERT INTO Shopping_order VALUES ( 7006, str_to_date('22-05-2022','%d-%m-%Y'), 15, 7,
4000, 3006);
INSERT INTO Shopping_order VALUES ( 7007, str_to_date('30-04-2022','%d-%m-%Y'), 7, 2,
2000, 3007);
INSERT INTO Shopping_order VALUES ( 7008, str_to_date('15-02-2022','%d-%m-%Y'), 25, 3,
1000, 3008);
INSERT INTO Shopping_order VALUES ( 7009, str_to_date('31-01-2022','%d-%m-%Y'), 2, 5,
8000, 3009);
INSERT INTO Shopping_order VALUES ( 7010, str_to_date('30-04-2022','%d-%m-%Y'), 5, 1,
5000, 3010);
```

Transaction_Reports:

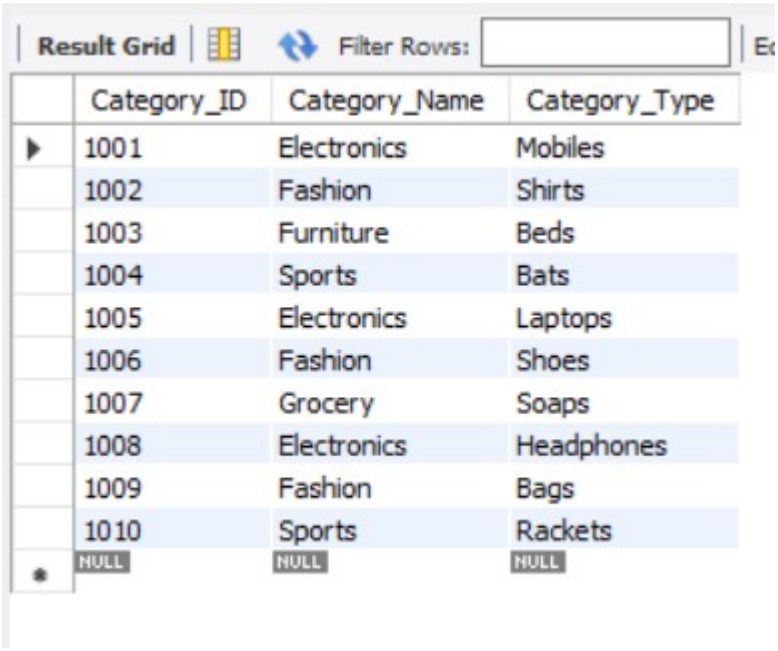


INSERT INTO Transaction_Reports VALUES (8001, 4001, 6001, 3001, 7001);
INSERT INTO Transaction_Reports VALUES (8002, 4002, 6002, 3002, 7002);
INSERT INTO Transaction_Reports VALUES (8003, 4003, 6003, 3003, 7003);
INSERT INTO Transaction_Reports VALUES (8004, 4004, 6004, 3004, 7004);
INSERT INTO Transaction_Reports VALUES (8005, 4005, 6005, 3005, 7005);
INSERT INTO Transaction_Reports VALUES (8006, 4006, 6006, 3006, 7006);
INSERT INTO Transaction_Reports VALUES (8007, 4007, 6007, 3007, 7007);
INSERT INTO Transaction_Reports VALUES (8008, 4008, 6008, 3008, 7008);
INSERT INTO Transaction_Reports VALUES (8009, 4009, 6009, 3009, 7009);
INSERT INTO Transaction_Reports VALUES (8010, 4010, 6010, 3010, 7010);

Tables:

Categories:

SELECT * FROM Categories;

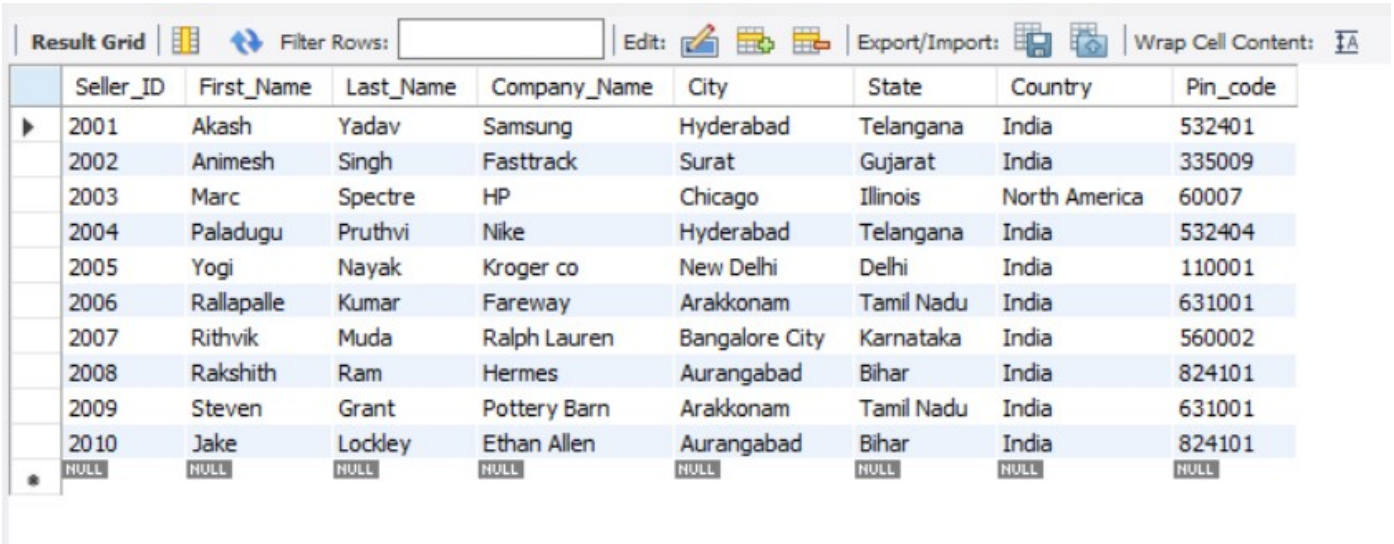


Result Grid | Filter Rows:

Category_ID	Category_Name	Category_Type
1001	Electronics	Mobiles
1002	Fashion	Shirts
1003	Furniture	Beds
1004	Sports	Bats
1005	Electronics	Laptops
1006	Fashion	Shoes
1007	Grocery	Soaps
1008	Electronics	Headphones
1009	Fashion	Bags
1010	Sports	Rackets
NULL	NULL	NULL

Seller:

SELECT * FROM Seller;

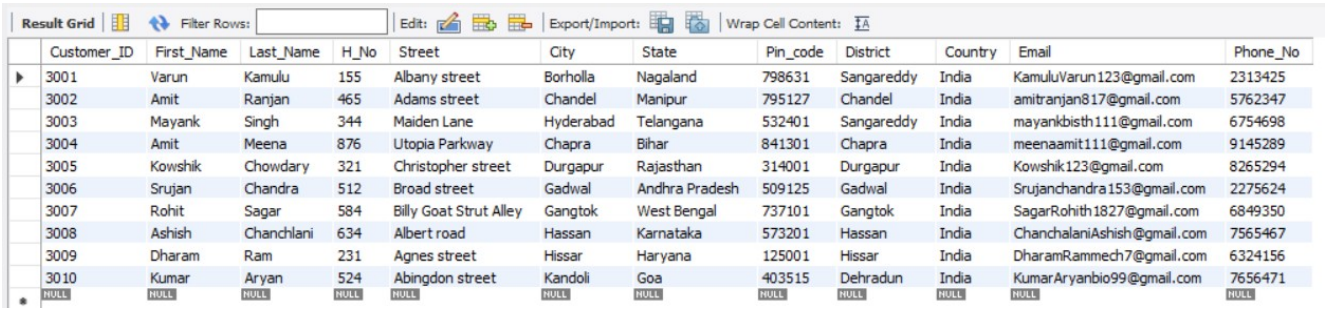


Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Seller_ID	First_Name	Last_Name	Company_Name	City	State	Country	Pin_code
2001	Akash	Yadav	Samsung	Hyderabad	Telangana	India	532401
2002	Animesh	Singh	Fasttrack	Surat	Gujarat	India	335009
2003	Marc	Spectre	HP	Chicago	Illinois	North America	60007
2004	Paladugu	Pruthvi	Nike	Hyderabad	Telangana	India	532404
2005	Yogi	Nayak	Kroger co	New Delhi	Delhi	India	110001
2006	Rallapalle	Kumar	Fareway	Arakkonam	Tamil Nadu	India	631001
2007	Rithvik	Muda	Ralph Lauren	Bangalore City	Karnataka	India	560002
2008	Rakshith	Ram	Hermes	Aurangabad	Bihar	India	824101
2009	Steven	Grant	Pottery Barn	Arakkonam	Tamil Nadu	India	631001
2010	Jake	Lockley	Ethan Allen	Aurangabad	Bihar	India	824101
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Customer:

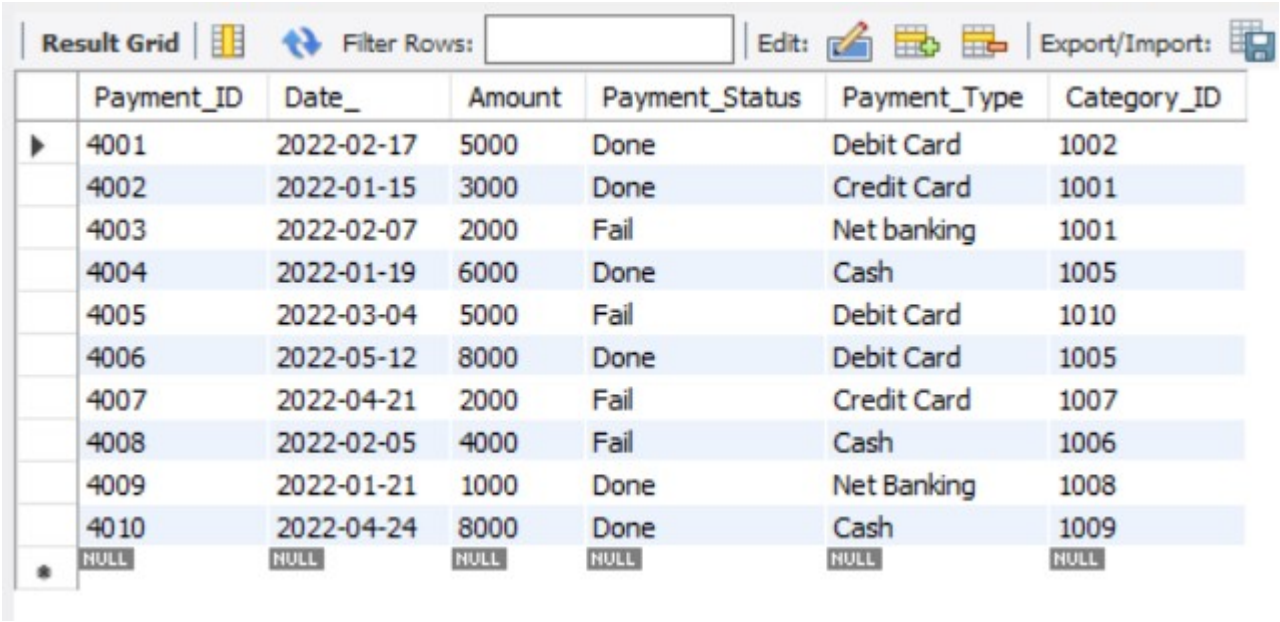
SELECT * FROM Customer;



Customer_ID	First_Name	Last_Name	H_No	Street	City	State	Pin_code	District	Country	Email	Phone_No
3001	Varun	Kamulu	155	Albany street	Borholla	Nagaland	798631	Sangareddy	India	KamuluVarun123@gmail.com	2313425
3002	Amit	Ranjan	465	Adams street	Chandel	Manipur	795127	Chandel	India	amitranjan817@gmail.com	5762347
3003	Mayank	Singh	344	Maiden Lane	Hyderabad	Telangana	532401	Sangareddy	India	mayankbisth111@gmail.com	6754698
3004	Amit	Meena	876	Utopia Parkway	Chapra	Bihar	841301	Chapra	India	meenaamit111@gmail.com	9145289
3005	Kowshik	Chowdary	321	Christopher street	Durgapur	Rajasthan	314001	Durgapur	India	Kowshik123@gmail.com	8265294
3006	Srujan	Chandra	512	Broad street	Gadwal	Andhra Pradesh	509125	Gadwal	India	Srujanchandra153@gmail.com	2275624
3007	Rohit	Sagar	584	Billy Goat Strut Alley	Gangtok	West Bengal	737101	Gangtok	India	SagarRohith1827@gmail.com	6849350
3008	Ashish	Chanchlani	634	Albert road	Hassan	Karnataka	573201	Hassan	India	ChanchalaniAshish@gmail.com	7565467
3009	Dharam	Ram	231	Agnes street	Hissar	Haryana	125001	Hissar	India	DharamRammech7@gmail.com	6324156
3010	Kumar	Aryan	524	Abingdon street	Kandoli	Goa	403515	Dehradun	India	KumarAryanbio99@gmail.com	7656471
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Payment:

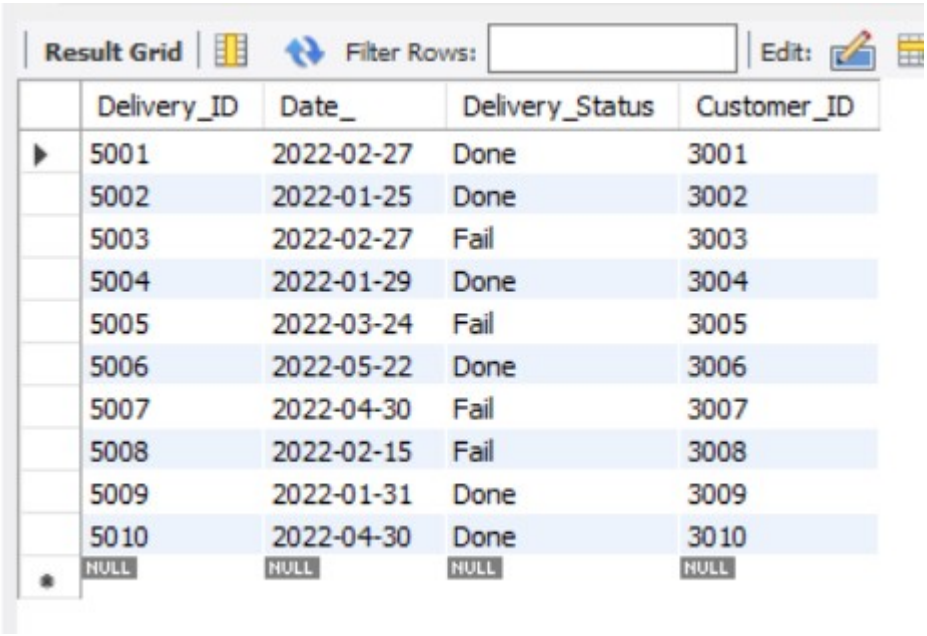
SELECT * FROM Payment;



Payment_ID	Date_	Amount	Payment_Status	Payment_Type	Category_ID
4001	2022-02-17	5000	Done	Debit Card	1002
4002	2022-01-15	3000	Done	Credit Card	1001
4003	2022-02-07	2000	Fail	Net banking	1001
4004	2022-01-19	6000	Done	Cash	1005
4005	2022-03-04	5000	Fail	Debit Card	1010
4006	2022-05-12	8000	Done	Debit Card	1005
4007	2022-04-21	2000	Fail	Credit Card	1007
4008	2022-02-05	4000	Fail	Cash	1006
4009	2022-01-21	1000	Done	Net Banking	1008
4010	2022-04-24	8000	Done	Cash	1009
NULL	NULL	NULL	NULL	NULL	NULL

Deliveries:

SELECT * FROM Deliveries;

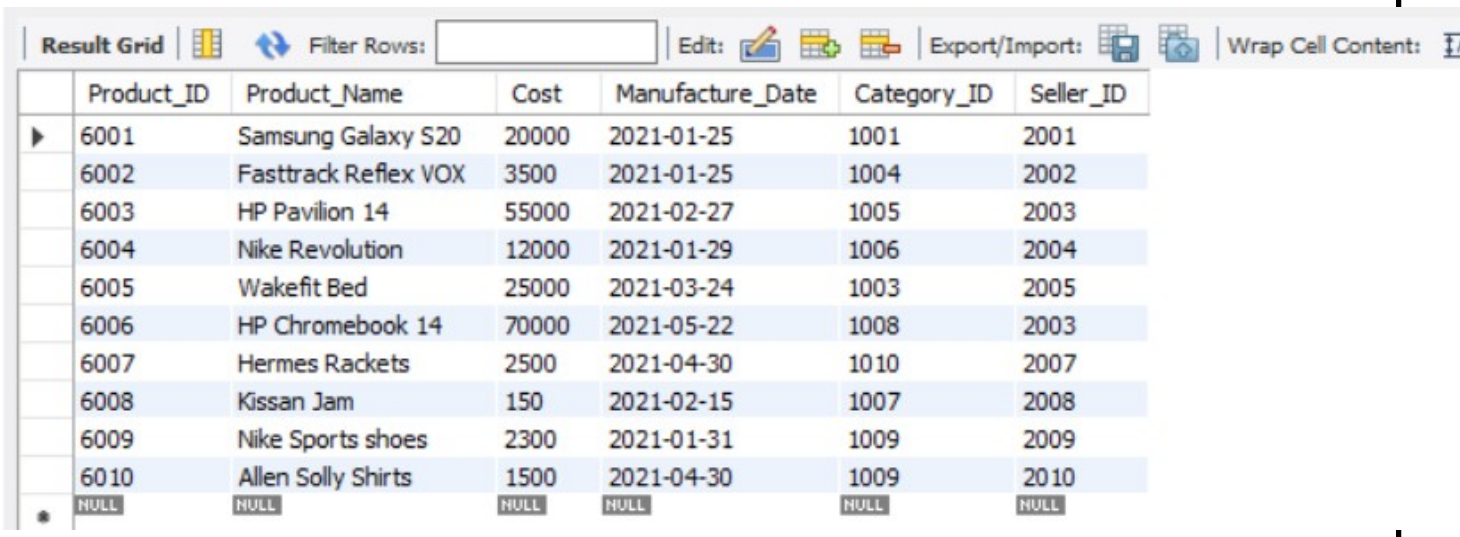


Result Grid | Filter Rows: | Edit:

Delivery_ID	Date_	Delivery_Status	Customer_ID
5001	2022-02-27	Done	3001
5002	2022-01-25	Done	3002
5003	2022-02-27	Fail	3003
5004	2022-01-29	Done	3004
5005	2022-03-24	Fail	3005
5006	2022-05-22	Done	3006
5007	2022-04-30	Fail	3007
5008	2022-02-15	Fail	3008
5009	2022-01-31	Done	3009
5010	2022-04-30	Done	3010
NULL	NULL	NULL	NULL

Products:

SELECT * FROM Products;

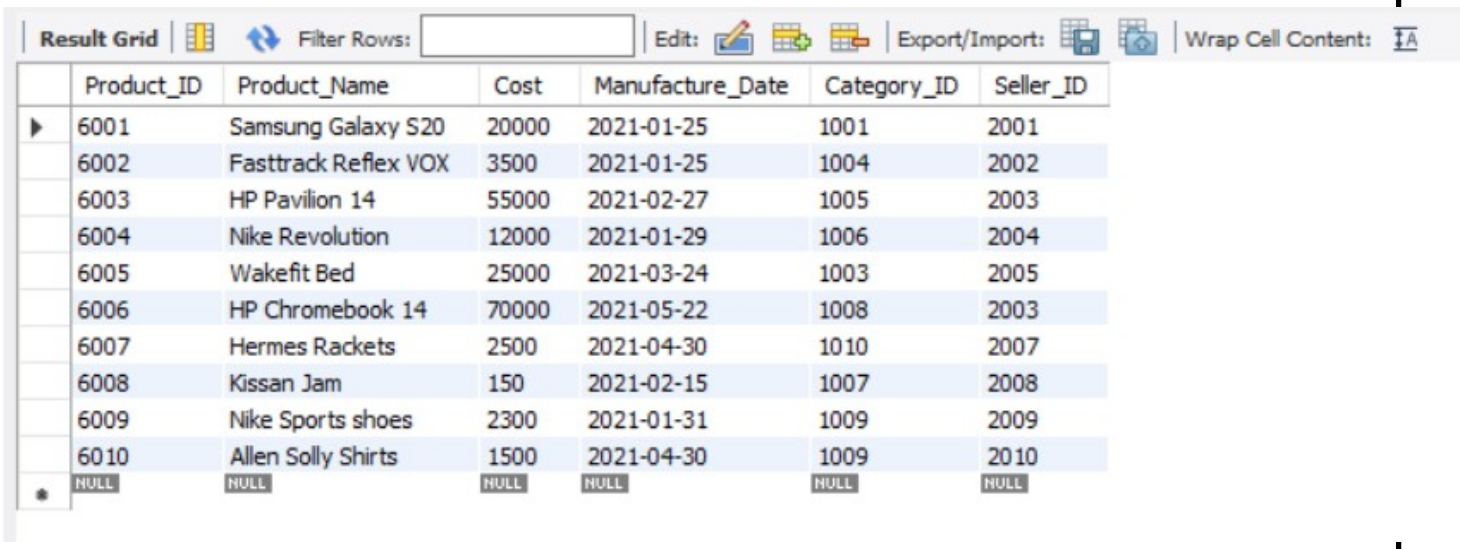


Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Product_ID	Product_Name	Cost	Manufacture_Date	Category_ID	Seller_ID
6001	Samsung Galaxy S20	20000	2021-01-25	1001	2001
6002	Fasttrack Reflex VOX	3500	2021-01-25	1004	2002
6003	HP Pavilion 14	55000	2021-02-27	1005	2003
6004	Nike Revolution	12000	2021-01-29	1006	2004
6005	Wakefit Bed	25000	2021-03-24	1003	2005
6006	HP Chromebook 14	70000	2021-05-22	1008	2003
6007	Hermes Rackets	2500	2021-04-30	1010	2007
6008	Kissan Jam	150	2021-02-15	1007	2008
6009	Nike Sports shoes	2300	2021-01-31	1009	2009
6010	Allen Solly Shirts	1500	2021-04-30	1009	2010
NULL	NULL	NULL	NULL	NULL	NULL

Shopping_order:

SELECT * FROM Shopping_order;



Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Product_ID	Product_Name	Cost	Manufacture_Date	Category_ID	Seller_ID
6001	Samsung Galaxy S20	20000	2021-01-25	1001	2001
6002	Fasttrack Reflex VOX	3500	2021-01-25	1004	2002
6003	HP Pavilion 14	55000	2021-02-27	1005	2003
6004	Nike Revolution	12000	2021-01-29	1006	2004
6005	Wakefit Bed	25000	2021-03-24	1003	2005
6006	HP Chromebook 14	70000	2021-05-22	1008	2003
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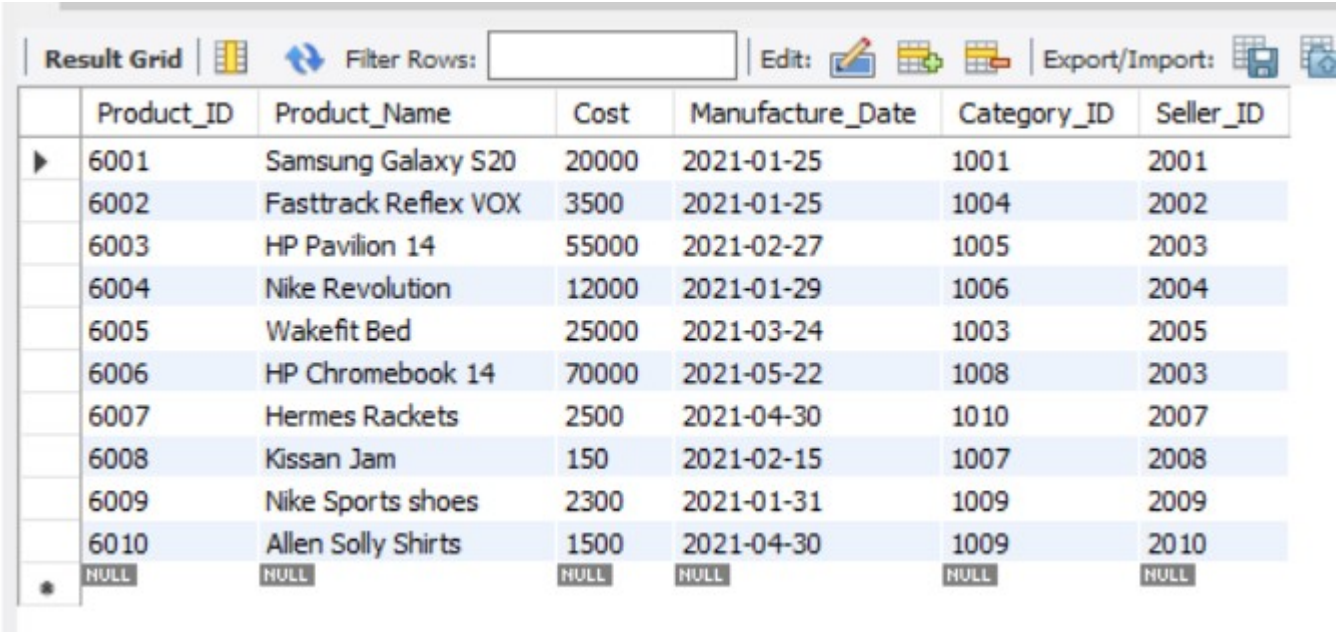
6008	Kissan Jam	150	2021-02-15	1007	2008
6009	Nike Sports shoes	2300	2021-01-31	1009	2009
6010	Allen Solly Shirts	1500	2021-04-30	1009	2010
NULL	NULL	NULL	NULL	NULL	NULL

Transaction_Reports:

SELECT * FROM Transaction_Reports;



Result Grid | Filter Rows: | Edit: | Export/Import:

Product_ID	Product_Name	Cost	Manufacture_Date	Category_ID	Seller_ID
6001	Samsung Galaxy S20	20000	2021-01-25	1001	2001
6002	Fasttrack Reflex VOX	3500	2021-01-25	1004	2002
6003	HP Pavilion 14	55000	2021-02-27	1005	2003
6004	Nike Revolution	12000	2021-01-29	1006	2004
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6009	Nike Sports shoes	2300	2021-01-31	1009	2009
6010	Allen Solly Shirts	1500	2021-04-30	1009	2010
NULL	NULL	NULL	NULL	NULL	NULL