





ASSIGNMENT 8 – DAY 12






1. Delivery partner details based on rating

```
SELECT * FROM delivery_partners
WHERE rating BETWEEN 3 AND 5
ORDER BY partner_id;
```

	partner_id [PK] character varying (10) 	partner_name character varying (20) 	phone_no bigint 	rating integer 
1	PART1001	SWIGGY	9856987452	5
2	PART1002	ZOMATO	9847563210	4
3	PART1003	FOOD_PANDA	9876541230	3
4	PART1004	UBER_EATS	9836547891	5
5	PART1005	Blinkit	9821456879	4






2. Hunger eats - Update table

```
UPDATE customers SET phone_no = 9876543210
WHERE customer_id = 'CUST1004';
```

	customer_id [PK] character varying (10) 	customer_name character varying (20) 	address character varying (20) 	phone_no bigint 	email_id character varying (20) 
1	1001	THOMAS	KOCHI	9856325486	thomas@gmail.com
2	1002	CHARLES	ALLEPY	9856367486	charles@gmail.com
3	1006	ASHWIN DAS	KANNUR	9856325659	ashwin@gmail.com
4	1004	JAGADISH	ERNAKULAM	9876543210	jagadish@gmail.com
5	1003	SUDHAKAR	KOCHI	9856323869	sudhakar@outlook.com
6	1005	ALBERT	ALLEPY	9856328659	albert@yahoo.com

3. Customers having Gmail ID

```
SELECT * FROM customers
WHERE email_id LIKE '%@gmail.com'
ORDER BY customer_id;
```

	customer_id [PK] character varying (10) 	customer_name character varying (20) 	address character varying (20) 	phone_no bigint 	email_id character varying (20) 
1	1001	THOMAS	KOCHI	9856325486	thomas@gmail.com
2	1002	CHARLES	ALLEPY	9856367486	charles@gmail.com
3	1004	JAGADISH	ERNAKULAM	9876543210	jagadish@gmail.com
4	1006	ASHWIN DAS	KANNUR	9856325659	ashwin@gmail.com

4. Hunger eats - Change Datatype

```
ALTER TABLE customers
```

```
ALTER COLUMN customer_id TYPE INT USING customer_id::integer;
```

	customer_id [PK] integer	customer_name character varying (20)	address character varying (20)	phone_no bigint	email_id character varying (20)
1	1001	THOMAS	KOCHI	9856325486	thomas@gmail.com
2	1002	CHARLES	ALLEPY	9856367486	charles@gmail.com
3	1006	ASHWIN DAS	KANNUR	9856325659	ashwin@gmail.com
4	1004	JAGADISH	ERNAKULAM	9876543210	jagadish@gmail.com
5	1003	SUDHAKAR	KOCHI	9856323869	sudhakar@outlook.com
6	1005	ALBERT	ALLEPY	9856328659	albert@yahoo.com

5. Hunger eats - Change the field name

```
ALTER TABLE hotel_details
```

```
RENAME COLUMN rating TO hotel_rating;
```

	hotel_id [PK] character varying (10)	hotel_name character varying (20)	hotel_type character varying (20)	hotel_rating integer
1	HOT1001	A2B	VEG	4
2	HOT1002	THE_MARINA	NON-VEG	5
3	HOT1003	SARAVANA_BHAVAN	VEG	3
4	HOT1004	JUNIOR_KUPPANA	NON-VEG	4
5	HOT1005	GEETHAM	VEG	5




6. Hotel Info

```
SELECT CONCAT(hotel_name, ' is a ', hotel_type, ' hotel') AS HOTEL_INFO  
FROM hotel_details ORDER BY hotel_name DESC;
```

	hotel_info text
1	THE_MARINA is a NON-VEG hotel
2	SARAVANA_BHAVAN is a VEG hotel
3	JUNIOR_KUPPANA is a NON-VEG hotel
4	GEETHAM is a VEG hotel
5	A2B is a VEG hotel





7. Hotels that took order more than five times

```
SELECT h.hotel_id, h.hotel_name, COUNT(o.order_id) AS NO_OF_ORDERS
FROM hotel_details h JOIN orders o ON h.hotel_id = o.hotel_id
GROUP BY h.hotel_id, h.hotel_name
HAVING COUNT(o.order_id) > 5
ORDER BY h.hotel_id ASC;
```

	hotel_id [PK] character varying (10) 	hotel_name character varying (20) 	no_of_orders bigint 
1	HOT1001	A2B	8

8. Hotels not taken orders on "MAY 2019"

```
SELECT * FROM hotel_details hd
WHERE NOT EXISTS (
    SELECT 1 FROM orders o
    WHERE o.hotel_id = hd.hotel_id
    AND o.order_date BETWEEN '2019-05-01' AND '2019-05-31'
)
ORDER BY hd.hotel_id ASC;
```

	hotel_id [PK] character varying (10) 	hotel_name character varying (20) 	hotel_type character varying (20) 	hotel_rating integer 
1	HOT1003	SARAVANA_BHAVAN	VEG	3
2	HOT1005	GEETHAM	VEG	5

9. Order Details

```
SELECT o.order_id, c.customer_name, h.hotel_name, o.order_amount
FROM orders o
JOIN customers c ON o.customer_id = c.customer_id
JOIN hotel_details h ON o.hotel_id = h.hotel_id
ORDER BY o.order_id ASC;
```

	order_id character varying (10) 🔒	customer_name character varying (20) 🔒	hotel_name character varying (20) 🔒	order_amount integer 🔒
1	ORD1001	THOMAS	A2B	350
2	ORD1002	CHARLES	THE_MARINA	450
3	ORD1003	SUDHAKAR	SARAVANA_BHAVAN	200
4	ORD1004	JAGADISH	JUNIOR_KUPPANA	550
5	ORD1005	ALBERT	A2B	300
6	ORD1006	ASHWIN DAS	GEETHAM	400
7	ORD1007	THOMAS	A2B	300
8	ORD1008	CHARLES	A2B	400
9	ORD1009	SUDHAKAR	A2B	250
10	ORD1010	JAGADISH	A2B	350
11	ORD1011	ALBERT	A2B	450
12	ORD1012	ASHWIN DAS	A2B	550
13	ORD1013	THOMAS	THE_MARINA	300
14	ORD1014	CHARLES	THE_MARINA	400
15	ORD1015	SUDHAKAR	SARAVANA_BHAVAN	250
16	ORD1016	JAGADISH	THE_MARINA	350
17	ORD1017	ALBERT	SARAVANA_BHAVAN	450
18	ORD1018	ASHWIN DAS	SARAVANA_BHAVAN	550

10. PIZZA STORE - UPDATE PIZZA TABLE

Before Update:

	pizza_id [PK] character varying (10) ✎	pizza_name character varying (15) ✎	pizza_type character varying (15) ✎	amount bigint ✎
1	PIZ001	Margherita	Regular	250
2	PIZ002	Pepperoni	Extra Large	300
3	PIZ003	BBQ Chicken	Medium	275
4	PIZ004	Veggie Delight	Extra Large	320
5	PIZ005	Hawaiian	Regular	280

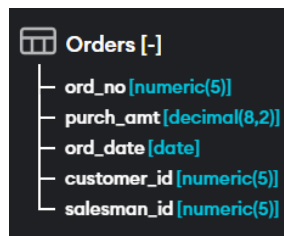
After Update:

```
UPDATE pizza SET amount = amount * 0.97
WHERE pizza_type = 'Extra Large';
```

	pizza_id [PK] character varying (10) ✎	pizza_name character varying (15) ✎	pizza_type character varying (15) ✎	amount bigint ✎
1	PIZ001	Margherita	Regular	250
2	PIZ002	Pepperoni	Extra Large	291
3	PIZ003	BBQ Chicken	Medium	275
4	PIZ004	Veggie Delight	Extra Large	310
5	PIZ005	Hawaiian	Regular	280

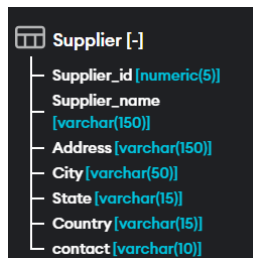
11. Create table with foreign key constraint

```
CREATE TABLE orders (  
    ord_no NUMERIC(5) PRIMARY KEY,  
    purch_amt DECIMAL(8,2),  
    ord_date DATE,  
    customer_id NUMERIC(5),  
    salesman_id NUMERIC(5),  
    FOREIGN KEY (salesman_id) REFERENCES salesman(salesman_id)  
)  
GO
```



12. Alter Supplier table with check constraint

```
CREATE TABLE Supplier (  
    Supplier_id NUMERIC(5) PRIMARY KEY,  
    Supplier_name VARCHAR(150),  
    Address VARCHAR(150),  
    City VARCHAR(50),  
    State VARCHAR(15),  
    Country VARCHAR(15),  
    contact VARCHAR(10)  
);  
GO  
  
ALTER TABLE Supplier  
ADD CONSTRAINT chk_contact_length CHECK (LEN(contact) = 10);  
GO
```



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