



PIZZA HUB

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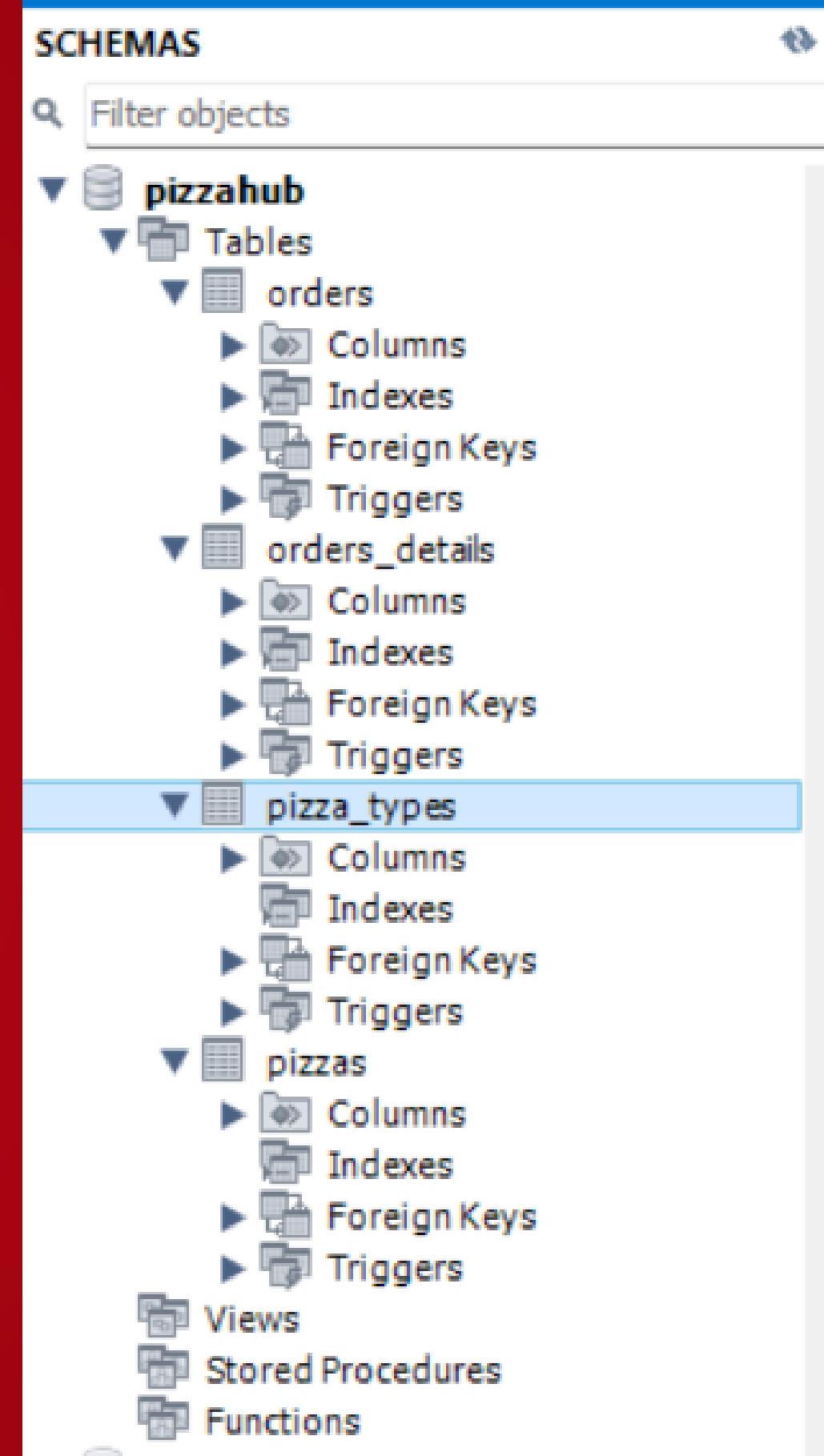
# HELLO !

I am Saumya Shrivastav  
In this project i have solved  
queries realted to pizza sales  
using SQL.



# SCHEMAS AND DATABASE

```
1 • CREATE database pizzahub;
2 • Create table orders (
3     order_id int not null,
4     order_date date not null,
5     order_time time not null,
6     primary key (order_id) );
7
8 • Create table orders_details (
9     order_details_id int not null,
10    order_date date not null,
11    pizza_id text not null,
12    quantity int not null,
13    primary key (order_details_id) );
```



# RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

2 • `SELECT Count(order_id) as total_orders from orders;`

total_orders
21350

# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
• SELECT sum(orders_details.quantity * pizzas.price) as total_revenue  
FROM orders_details  
JOIN pizzas  
on pizzas.pizza_id = orders_details.pizza_id;
```

	total_revenue
▶	49874.549999999998

## IDENTIFY THE HIGHEST-PRICED PIZZA

```
SELECT pizza_types.name , pizzas.price  
FROM pizzas  
JOIN pizza_types  
on pizza_types.pizza_type_id = pizzas.pizza_type_id  
order by pizzas.price DESC LIMIT 1;
```

	name	price
▶	The Greek Pizza	35.95

# IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

```
SELECT pizzas.size, count(orders_details.order_details_id) as order_count
FROM pizzas
JOIN orders_details
on pizzas.pizza_id = orders_details.pizza_id
group by pizzas.size
order by order_count desc limit 1;
```

	size	order_count
▶	L	1127

# LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

```
SELECT pizza_types.name, sum(orders_details.quantity) as quantity
FROM pizza_types
JOIN pizzas
on pizzas.pizza_type_id = pizza_types.pizza_type_id
join orders_details
on orders_details.pizza_id = pizzas.pizza_id
GROUP by pizza_types.name
Order by quantity DESC LIMIT 5;
```

	name	quantity
▶	The Hawaiian Pizza	168
	The Thai Chicken Pizza	159
	The California Chicken Pizza	139
	The Classic Deluxe Pizza	137
	The Pepperoni Pizza	136

# JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

```
SELECT pizza_types.category, sum(orders_details.quantity)
    as quantity
  FROM pizza_types
  join pizzas
  on pizza_types.pizza_type_id = pizzas.pizza_type_id
  join orders_details
  on pizzas.pizza_id = orders_details.pizza_id
 group by pizza_types.category
order by quantity desc;
```

	category	quantity
▶	Classic	925
	Veggie	733
	Supreme	715
	Chicken	651

# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

```
SELECT hour(order_time) as hour, count(order_id) as order_count  
FROM orders  
group by hour(order_time);
```

hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

# JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS

```
SELECT category , count(name)  
FROM pizza_types  
Group by category;
```

	category	count(name)	
▶	Chicken	6	6
	Classic	8	
	Supreme	9	
	Veggie	9	

# DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
SELECT pizza_types.category, sum(orders_details.quantity * pizzas.price) as total_revenue
FROM pizza_types
JOIN pizzas
ON pizzas.pizza_type_id = pizza_types.pizza_type_id
JOIN orders_details
ON orders_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category
ORDER BY total_revenue DESC LIMIT 3;
```

	category	total_revenue
▶	Classic	13835.9
	Supreme	12295.249999999993
	Veggie	12203.150000000012

# THANK YOU!

