Mohammed Organics

Pizzas With Premium quality
Organized by Harsh Bangar

Hello Everyon If you Don't know where to start living a healthy lifestyle?

Tight budget?

IF you have tight budget come here and eat our pizzas

No time to shop?

It is open 24/7 in a year

Retrieve the total number of orders placed.

```sql
-- Retrieve the total number of orders placed.
SELECT
    COUNT(*) AS total_orders
FROM
    orders; -- after as it is the column name
```

total_orders
21350

calculate the total revenue generated from pizza sales

```sql
SELECT
    orders_details.quantity * pizzas.price
FROM
    orders_details
        JOIN
    pizzas ON pizzas.pizza_id = orders_details.pizza_id; -- ctrl + b for beautify query
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

orders_details.quantity * pizzas.price
13.25
16
18.5
20.75
16
20.75
16.5
20.75

Identify the highest price pizza

```sql
SELECT
    pizza_types.name, pizzas.price
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id;
```

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	name	price
▶	The Barbecue Chicken Pizza	12.75
	The Barbecue Chicken Pizza	16.75
	The Barbecue Chicken Pizza	20.75
	The California Chicken Pizza	12.75
	The California Chicken Pizza	16.75
	The California Chicken Pizza	20.75
	The Chicken Alfredo Pizza	12.75
	The Chicken Alfredo Pizza	16.75
	The Chicken Alfredo Pizza	20.75

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ‡A

Result 36

Intermediate:
-- Join the necessary tables to find the total quantity of each pizza category ordered.

```sql
-- 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 orders_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category ORDER BY quantity desc;
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Advance

Last query Determine the top 3 ordered pizza types based on revenue for each pizza category

```sql
SELECT name,Revenue FROM
(SELECT category,name, Revenue,
RANK() OVER(PARTITION BY category ORDER BY Revenue DESC) AS rn
FROM
(SELECT pizza_types.category , pizza_types.name, -- revenue quantity * price
SUM(orders_details.quantity * pizzas.price) AS Revenue
FROM pizza_types JOIN pizzas
ON pizza_types.pizza_type_id = pizzas.pizza_type_id
JOIN orders_details
ON orders_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category , pizza_types.name) AS A) AS B
WHERE rn <= 3;
```

name	Revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Hawaiian Pizza	32273.25
The Pepperoni Pizza	30161.75
The Spicy Italian Pizza	34831.25
The Italian Supreme Pizza	33476.75
The Sicilian Pizza	30940.5