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.

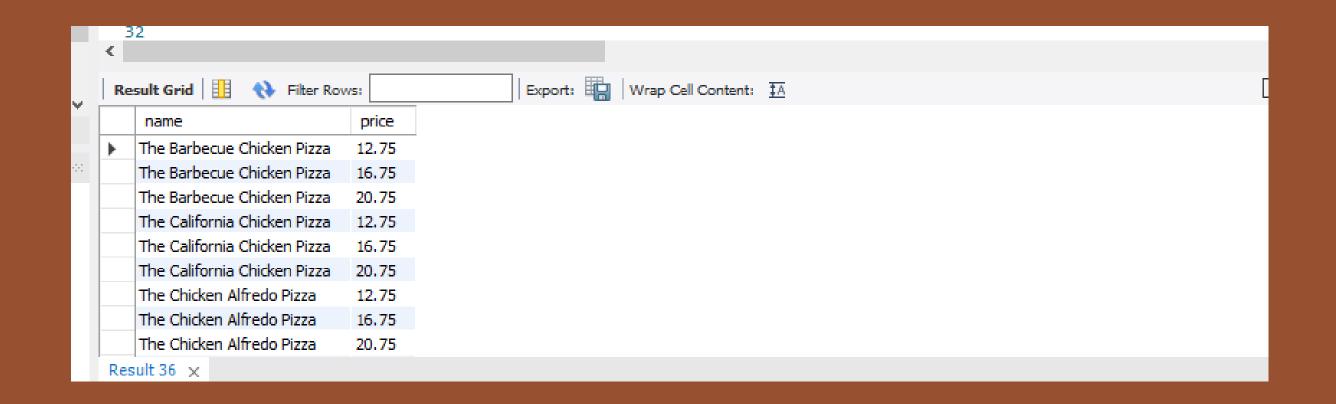
calculate the total revenue generated from pizza sales

```
SELECT
    orders_details.quantity * pizzas.price

FROM
    orders_details
        JOIN
    pizzas ON pizzas.pizza_id = orders_details.pizza_id; -- ctrl + b for beautify query
```

Identify the highest price pizza

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



Intermediate:

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

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

SELECT pizza_types.category,

SUM(orders_details.quantity) as quantity

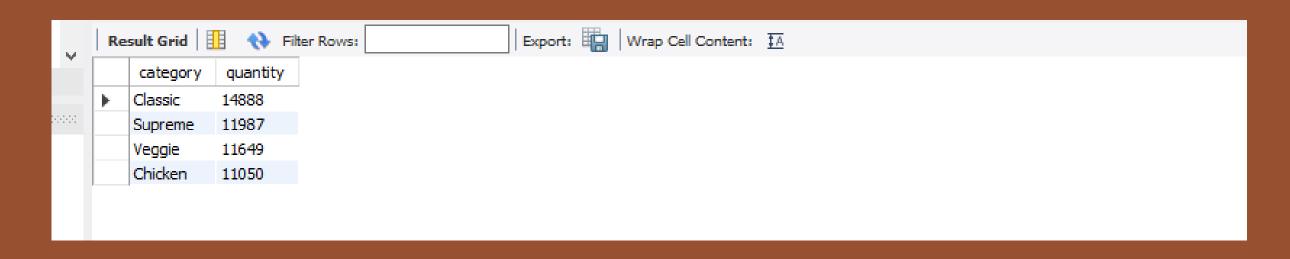
FROM pizza_types JOIN pizzas

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;
```



Advance

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

```
SELECT name, Revenue FROM
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;
                         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
                        30161.75
 The Pepperoni Pizza
                        34831.25
  The Spicy Italian Pizza
 The Italian Supreme Pizza
                        33476.75
                        30940.5
  The Sicilian Pizza
```