Pizzacious

[PIZZA SALES DATABASE]

- used SQL queries to get the details



HELLO !!!

I am Mudita Tiwari, made this project on pizza sales. I used SQL queries to answer some of the questions and has attached the results for the same.

QUESTION 1-Retrieve the total number of orders placed.



QUESTION 2-Calculate the total revenue generated from pizza sales.

```
SELECT

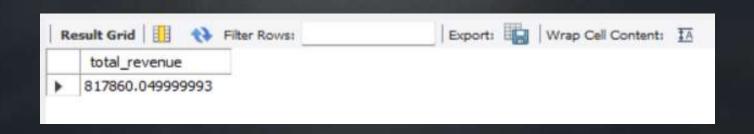
SUM(order_details.quantity * pizzas.price) AS total_revenue

FROM

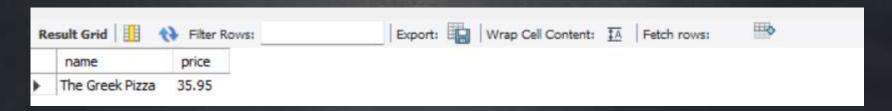
order_details

JOIN

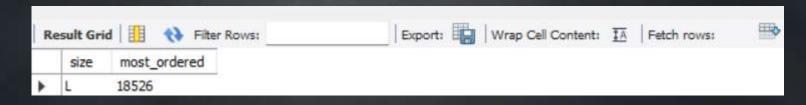
pizzas ON pizzas.pizza_id = order_details.pizza_id;
```



QUESTION 3-Identify the highest-priced pizza.



QUESTION 4-Identify the most common pizza size ordered.



QUESTION 5-List the top 5 most ordered pizza types along with their quantities.

```
SELECT
    pizza_types.name, SUM(order_details.quantity) AS top_5_pizza
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
        JOIN
    order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name
ORDER BY top_5_pizza DESC
LIMIT 5;
```

R	esult Grid 🔢 🙌 Filter Ro	wsi	Export: Wrap Cell Content: A Fetch rows:	
	name	top_5_pizza		
-	The Classic Deluxe Pizza	2453		
	The Barbecue Chicken Pizza	2432		
	The Hawaiian Pizza	2422		
	The Pepperoni Pizza	2418		
	The Thai Chicken Pizza	2371		

QUESTION 6-Join the necessary tables to find the total quantity of each pizza category ordered.

```
pizza_types.category,
SUM(order_details.quantity) AS quantity

FROM

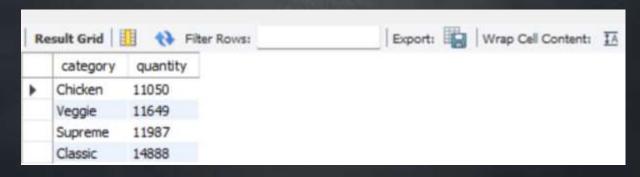
pizza_types
JOIN

pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
JOIN

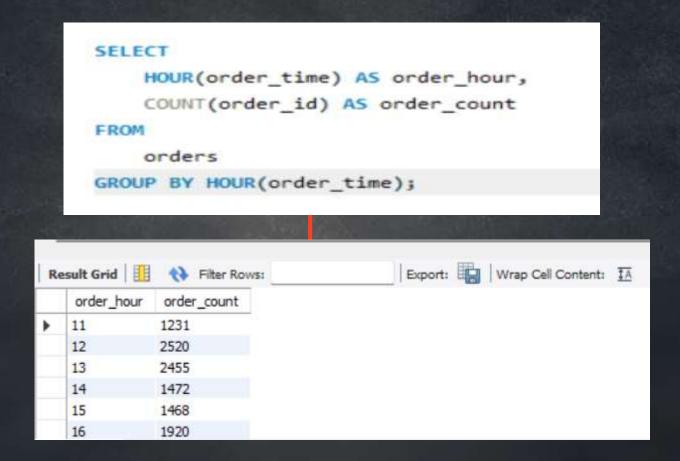
order_details ON order_details.pizza_id = pizzas.pizza_id

GROUP BY pizza_types.category

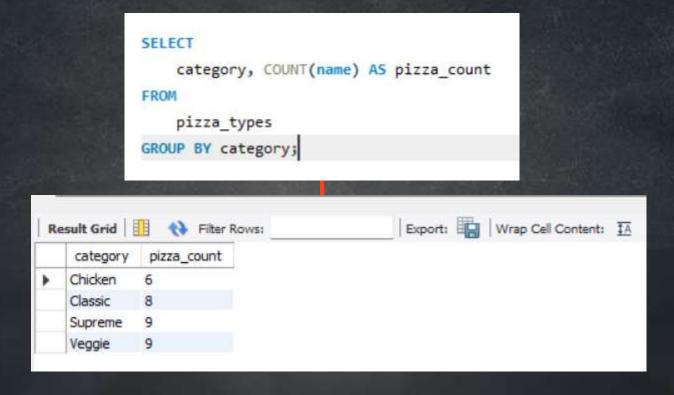
ORDER BY quantity;
```



QUESTION 7 — Determine the distribution of orders by hour of the day.



QUESTION 8 – Join relevant tables to find the category-wise distribution of pizzas.



QUESTION 9 –

Group the orders by date and calculate the average number of pizzas ordered per day.

```
AVG(quantity) as avg_pizza_ordered_per_day

FROM

(SELECT

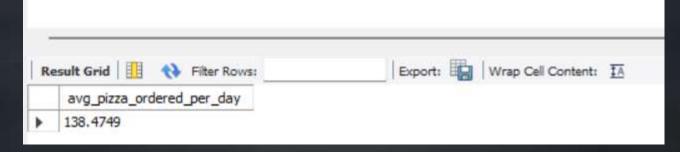
orders.order_date, SUM(order_details.quantity) AS quantity

FROM

orders

JOIN order_details ON orders.order_id = order_details.order_id

GROUP BY orders.order_date) AS order_quantity;
```



QUESTION 10-Determine the top 3 most ordered pizza types based on revenue.

```
SELECT

pizza_types.name,

SUM(order_details.quantity * pizzas.price) AS revenue

FROM

pizza_types

JOIN

pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id

JOIN

order_details ON order_details.pizza_id = pizzas.pizza_id

GROUP BY pizza_types.name

ORDER BY revenue DESC

LIMIT 3;
```

Result Grid			Export: Wrap Cell Content: IA Fetch rows:	-
	name	revenue		
-	The Thai Chicken Pizza	43434.25		
	The Barbecue Chicken Pizza	42768		
	The California Chicken Pizza	41409.5		