

SQL PROJECT

Q1) Calculate the total revenue generated from pizza sales.

```
9 • select round(sum(pizzas.price*order_details.quantity),2) as revenue
10 from pizzas join order_details
11 on pizzas.pizza_id = order_details.pizza_id
12
```

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Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	revenue
▶	817860.05

Q2) Identify the highest-priced pizza.

```
7 • select name, price, size from pizza_types join pizzas
8    on pizza_types.pizza_type_id = pizzas.pizza_type_id
9    order by price desc
10   limit 1
11
```

<




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

	name	price	size
▶	The Greek Pizza	35.95	XXL

Q3) Join the necessary tables to find the total quantity of each pizza category ordered.

```
5 • select sum(order_details.quantity) as total_quantity, pizza_types.category
6 from pizza_types join pizzas
7 on pizza_types.pizza_type_id = pizzas.pizza_type_id
8 join order_details
9 on order_details.pizza_id = pizzas.pizza_id
10 group by pizza_types.category
11 order by total_quantity desc
```

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

	total_quantity	category
▶	14888	Classic
	11987	Supreme
	11649	Veggie
	11050	Chicken

Q4) Determine the distribution of orders by hour of the day.

```
10 • select hour(order_time), count(order_id) from orders
11     group by hour(order_time)
12
```

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	hour(order_time)	count(order_id)
▶	11	1200
	12	2467
	13	2403
	14	1443
	15	1431
	16	1871

Q5) Determine the top 3 most ordered pizza types based on revenue.

```
SELECT
    pizza_types.name,
    SUM(order_details.quantity * pizzas.price) AS revenue
FROM
    order_details
    JOIN
    pizzas ON order_details.pizza_id = pizzas.pizza_id
    JOIN
    pizza_types ON pizza_types.pizza_type_id = pizzas.pizza_type_id
GROUP BY pizza_types.name
ORDER BY revenue DESC
LIMIT 3
```

name	revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5

Q6) Calculate the percentage contribution of each pizza type to total revenue.

```
select pizza_types.category, round((sum(order_details.quantity*pizzas.price) /  
(select round(sum(order_details.quantity*pizzas.price),0)  
from order_details join pizzas  
on order_details.pizza_id= pizzas.pizza_id)*100),0) as percentage_revenue  
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
```

	category	percentage_revenue
▶	Classic	27
	Veggie	24
	Supreme	25
	Chicken	24