SQL PROJECT

Q1) Calculate the total revenue generated from pizza sales.

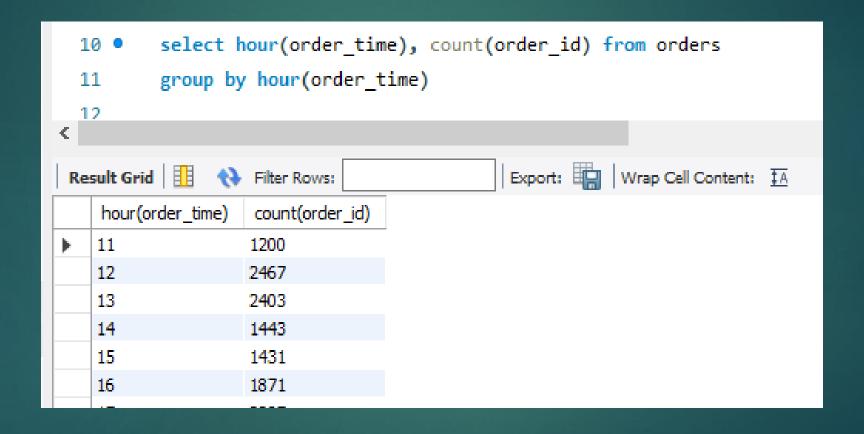
Q2) Identify the highest-priced pizza.

```
select name, price, size from pizza_types join pizzas
         on pizza_types.pizza_type_id = pizzas.pizza_type_id
         order by price desc
  9
         limit 1
 10
 11
Result Grid
                                           Export: Wrap Cell Conten
              ♦ Filter Rows:
                 price
                        size
   name
  The Greek Pizza
                35.95
                       XXL
```

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

```
select sum(order details.quantity) as total_quantity, pizza_types.category
  5 •
         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
  9
 10
         group by pizza_types.category
         order by total quantity desc
11
Result Grid
                                             Export: Wrap Cell Content: $\overline{TA}$
               Filter Rows:
   total quantity
                category
   14888
                Classic
   11987
                Supreme
   11649
                Veggie
                Chicken
   11050
```

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



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
	•	