```sql
1    -- Retrieve the total number of orders placed.
2  • select count(order_id) as total_orders from orders;
```

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

	total_orders
▶	21350

```
1    -- Calculate the total revenue generated from pizza sales.
2 •  select round(sum(order_details.quantity * pizzas.price),2) as total_sales
3    from order_details join pizzas
4    on pizzas.pizza_id = order_details.pizza_id
```

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

total_sales
817860.05

```sql
1       -- Identify the highest-priced pizza.
2  •    select pizza_types.name , pizzas.price
3       from pizza_types join pizzas
4       on pizza_types.pizza_type_id = pizzas.pizza_type_id
5       order by pizzas.price desc limit 1;
```

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

name	price
The Greek Pizza	35.95

```sql
1    -- Identify the most common pizza size ordered.
2    select pizzas.size, count(order_details.order_details_id) as order_count
3    from pizzas join order_details
4    on pizzas.pizza_id = order_details.pizza_id
5    group by pizzas.size order by order_count desc;
```

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

size	order_count
L	18526
M	15385
S	14137
XL	544
XXL	28

```sql
1       -- List the top 5 most ordered pizza types along with their quantities.
2       select pizza_types.name, sum(order_details.quantity) as quantity
3       from pizza_types join pizzas
4       on pizza_types.pizza_type_id = pizzas.pizza_type_id
5       join order_details
6       on order_details.pizza_id = pizzas.pizza_id
7       group by pizza_types.name order by quantity desc limit 5;
```

name	quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

```sql
1    -- find the total quantity of each pizza category ordered.
2    select pizza_types.category, sum(order_details.quantity) as quantity
3    from pizza_types join pizzas
4    on pizza_types.pizza_type_id = pizzas.pizza_type_id
5    join order_details
6    on order_details.pizza_id = pizzas.pizza_id
7    group by pizza_types.category order by quantity desc;
```

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

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

```sql
1    -- Determine the distribution of orders by hour of the day.
2    select hour(order_time) AS Hour , count(order_id) AS order_count
3      from orders
4      group by hour(order_time);
```

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

Hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

```sql
1    --  Join relevant tables to find the category-wise distribution of pizzas.
2    select category, count(name) from pizza_types
3    group by category;
```

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

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

```sql
1    -- Group the orders by date and calculate the average number of pizzas ordered per day.
2    select round(avg(quantity), 0) as avg_pizza_ordered_per_day from
3    (select orders.order_date, sum(order_details.quantity) as quantity
4    from orders join order_details
5    on orders.order_id = order_details.order_id
6    group by orders.order_date) as order_quamtity;
7
```

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

avg_pizza_ordered_per_day
138

```sql
1    -- Determine the top 3 most ordered pizza types based on revenue
2    select pizza_types.name, sum(order_details.quantity * pizzas.price) as revenue
3    from pizza_types join pizzas
4    on pizzas.pizza_type_id = pizza_types.pizza_type_id
5    join order_details
6    on order_details.pizza_id = pizzas.pizza_id
7    group by pizza_types.name order by revenue desc limit 3 ;
```

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

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

```sql
1      -- Calculate the percentage contribution of each pizza type to total revenue.
2      select pizza_types.category,
3    ⊖ round(sum(order_details.quantity * pizzas.price) / (select
4      round(sum(order_details.quantity * pizzas.price),2) as total_sales
5      from order_details join pizzas
6      on pizzas.pizza_id = order_details.pizza_id) *100, 2) as revenue
7      from pizza_types join pizzas
8      on pizzas.pizza_type_id = pizza_types.pizza_type_id
9      join order_details
10     on order_details.pizza_id = pizzas.pizza_id
11     group by pizza_types.category order by revenue desc;
```

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

category	revenue
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68