

Retrieve the total number of orders placed.

```
SELECT  
    COUNT(ORDER_ID) AS TOTAL_ORDERS  
FROM  
    ORDERS;
```

Result Grid	
	TOTAL_ORDERS
▶	21350

Calculate the total revenue generated from pizza sales

```
SELECT  
    ROUND(SUM(ORDER_DETAILS.QUANTITY * pizzas.PRICE),  
          1) AS TOTAL_REVENUE  
FROM  
    ORDER_DETAILS  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.PIZZA_ID
```

Result Grid	
	TOTAL_REVENUE
▶	817860

Identify the highest-priced pizza.

```
SELECT  
    pizza_types.name, pizzas.price  
FROM  
    pizza_types  
        JOIN  
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
ORDER BY pizzas.price DESC  
LIMIT 1;
```

Result Grid | Filter Row

	name	price
▶	The Greek Pizza	35.95

Identify the most common pizza size ordered.

```
SELECT  
    pizzas.size,  
    COUNT(order_details.order_details_id) AS order_count  
FROM  
    pizzas  
        JOIN  
    order_details ON pizzas.pizza_id = order_details.pizza_id  
GROUP BY pizzas.size  
ORDER BY order_count DESC  
LIMIT 1;
```

Result Grid | Filter

	size	order_count
▶	L	18526

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

```
SELECT  
    pizza_types.NAME, 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.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

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

```
SELECT
    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 DESC;
```

	category	QUANTITY
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

Determine the distribution of orders by hour of the day.

```
SELECT  
    HOUR(order_time) AS hour, COUNT(order_id) AS order_count  
FROM  
    orders  
GROUP BY hour;
```

	hour	order_count
▶	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920

Join relevant tables to find the category-wise distribution of pizzas

```
SELECT
```

```
    category, COUNT(name)
```

```
FROM
```

```
    pizza_types
```

```
GROUP BY category;
```

Result Grid | Filter Rows:

	category	COUNT(name)
▶	Chicken	6
	Classic	8
	Supreme	9
	Veggie	9

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

```
SELECT  
    ROUND(AVG(QUANTITY), 0)  
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_QUANT;
```

Result Grid	
	ROUND(AVG(QUANTITY), 0)
▶	138

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 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 REVENUE DESC
LIMIT 3;
```

	name	REVENUE
▶	The Thai Chicken Pizza	43434.25
▶	The Barbecue Chicken Pizza	42768
▶	The California Chicken Pizza	41409.5

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),  
        1) AS TOTAL_REVENUE  
    )  
FROM  
    ORDER_DETAILS  
        JOIN  
            pizzas ON pizzas.pizza_id = order_details.PIZZA_ID) * 100,2) AS 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  
    ORDER BY REVENUE DESC ;
```

	category	REVENUE
▶	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68