



PIZZA SALES

PIZZA SALES BY SQL





PIZZA SALES

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

```
SELECT COUNT(ORDER_ID) AS "TOTAL ORDERS" FROM ORDERS;
```





PIZZA SALES

CALCULATE 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;
```





PIZZA SALES

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;
```





PIZZA SALES

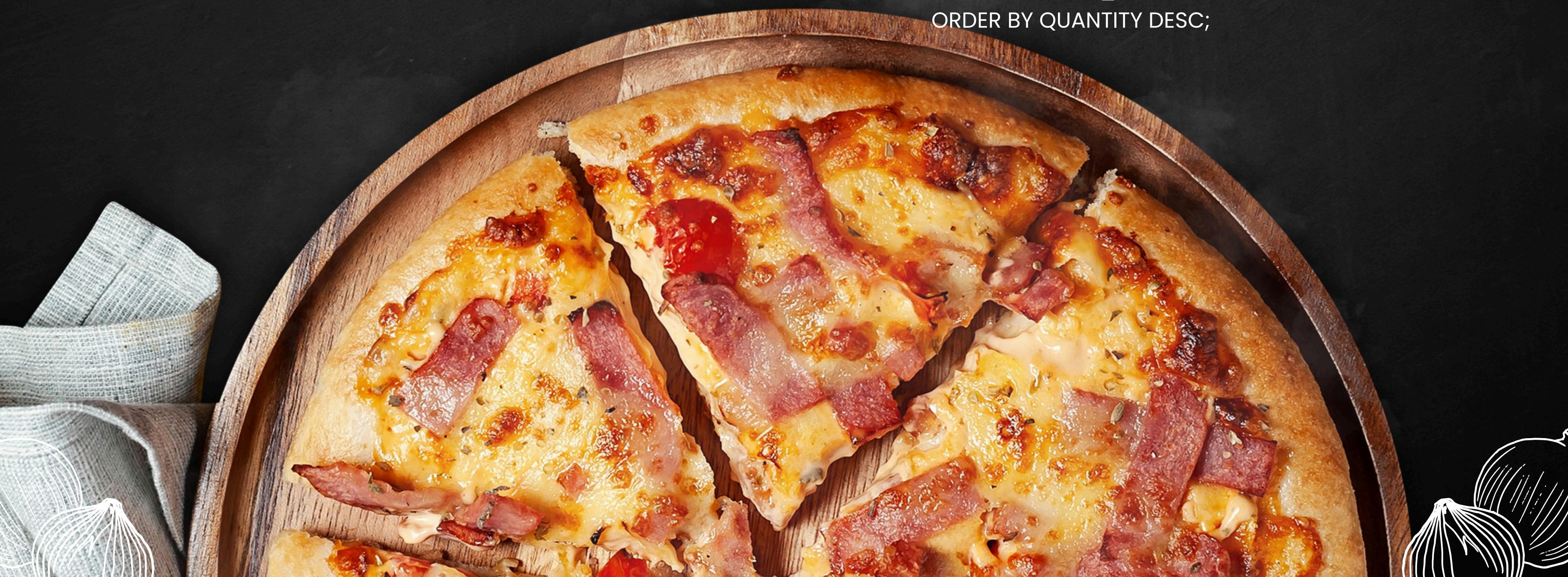
IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

```
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;
```



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;
```





**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;
```





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DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
SELECT HOUR(TIME), COUNT(ORDER_ID) FROM ORDERS  
GROUP BY HOUR(TIME);
```



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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;
```





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JOIN RELEVANT TABLES TO FIND THE CATEGORY WISE DISTRIBUTION OF PIZZAS

```
SELECT CATEGORY, COUNT(NAME) AS COUNT_NAME FROM PIZZA_TYPES  
GROUP BY CATEGORY  
ORDER BY COUNT_NAME DESC;
```

