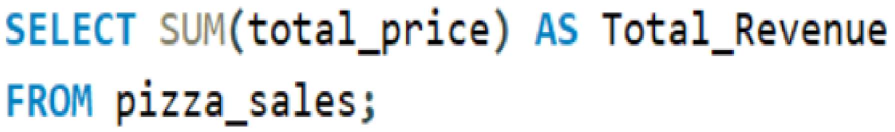
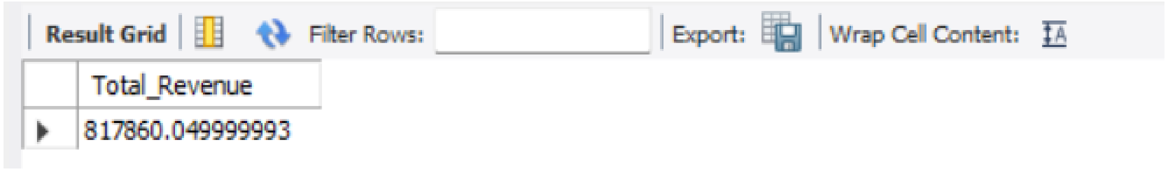
PIZZA SALES REPORT

1. TOTAL REVENUE –

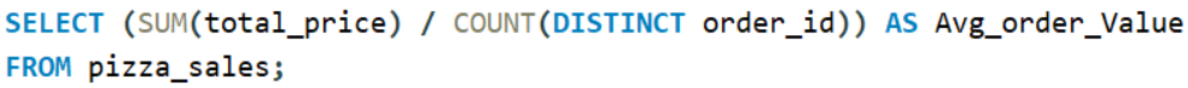


```
SELECT SUM(total_price) AS Total_Revenue
FROM pizza_sales;
```

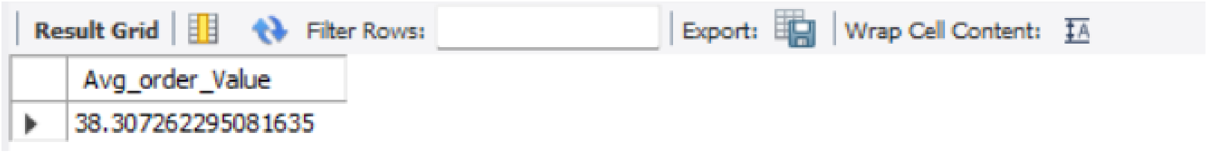


```
Total_Revenue
817860.049999993
```

2. AVG ORDER VALUE -

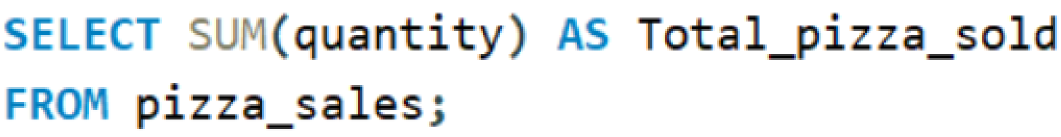


```
SELECT (SUM(total_price) / COUNT(DISTINCT order_id)) AS Avg_order_Value
FROM pizza_sales;
```

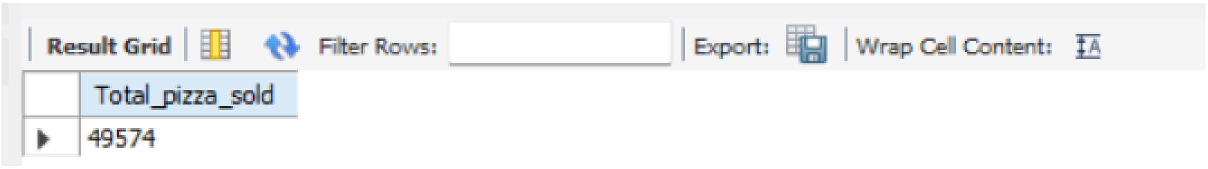


```
Avg_order_Value
38.307262295081635
```

3. TOTAL PIZZA SOLD –

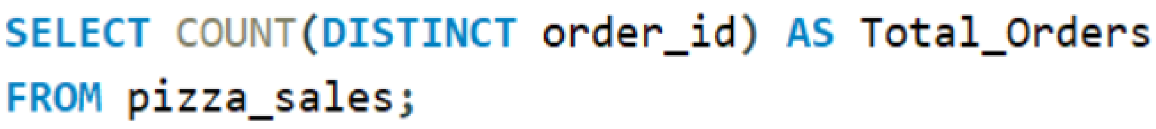


```
SELECT SUM(quantity) AS Total_pizza_sold
FROM pizza_sales;
```

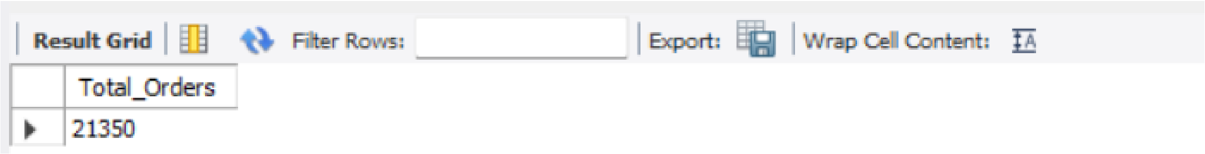


```
Total_pizza_sold
49574
```

4. TOTAL ORDERS –

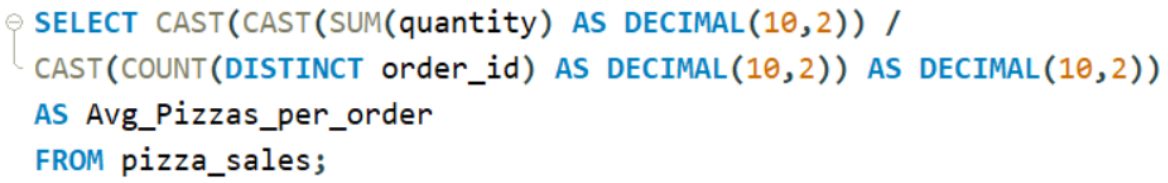


```sql
SELECT COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales;
```

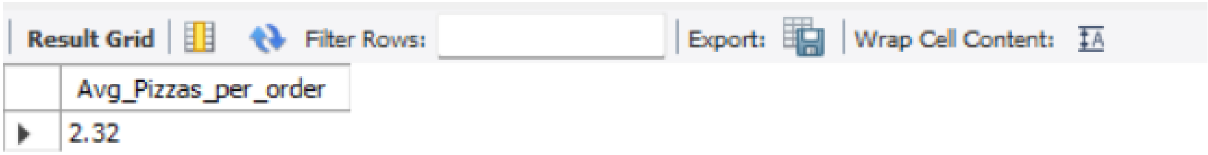


Total_Orders
21350

5. AVG. PIZZAS PER ORDER –

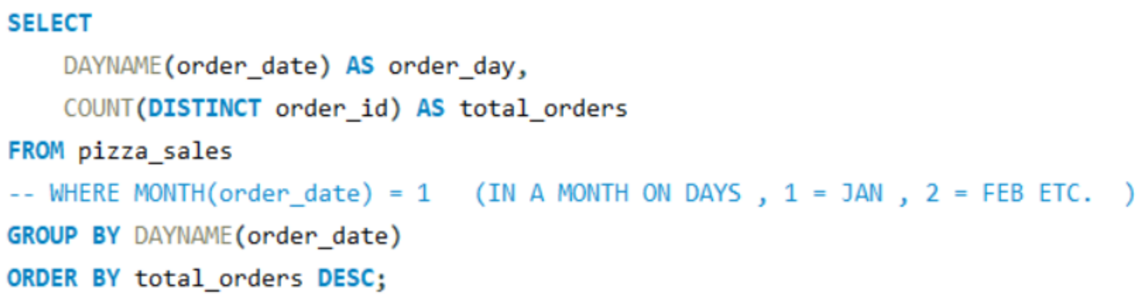


```sql
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))
AS Avg_Pizzas_per_order
FROM pizza_sales;
```

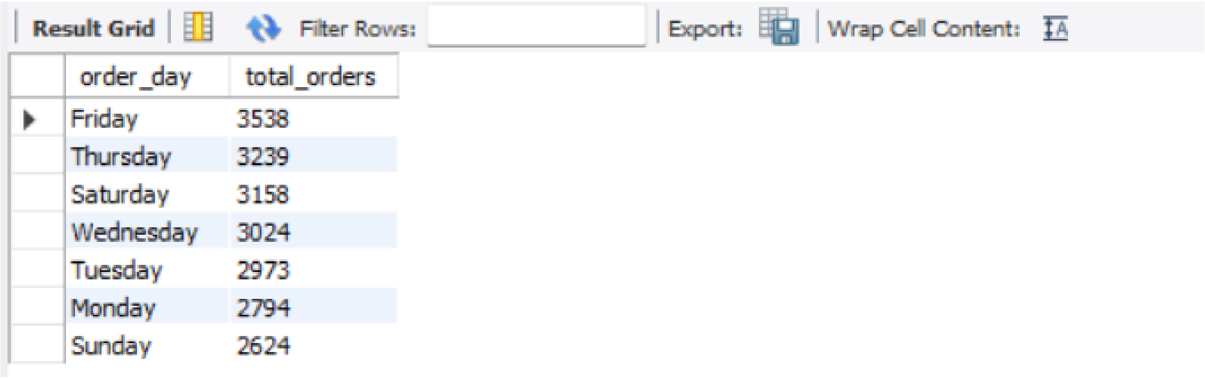


Avg_Pizzas_per_order
2.32

6. DAY WISE ORDERS –

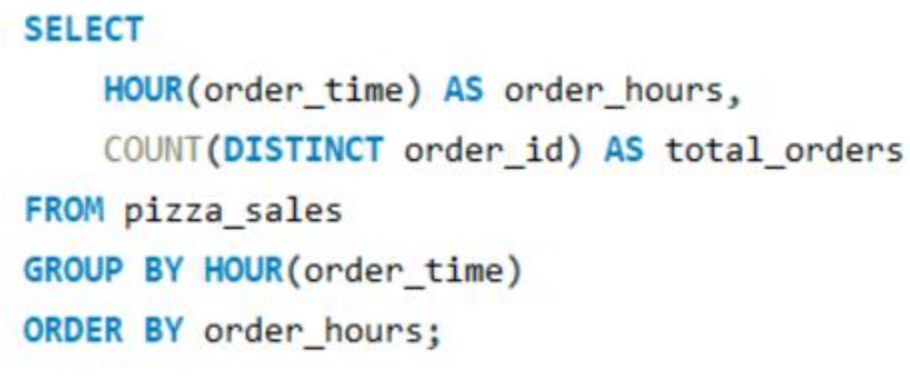


```sql
SELECT
    DAYNAME(order_date) AS order_day,
    COUNT(DISTINCT order_id) AS total_orders
FROM pizza_sales
-- WHERE MONTH(order_date) = 1   (IN A MONTH ON DAYS , 1 = JAN , 2 = FEB ETC.  )
GROUP BY DAYNAME(order_date)
ORDER BY total_orders DESC;
```

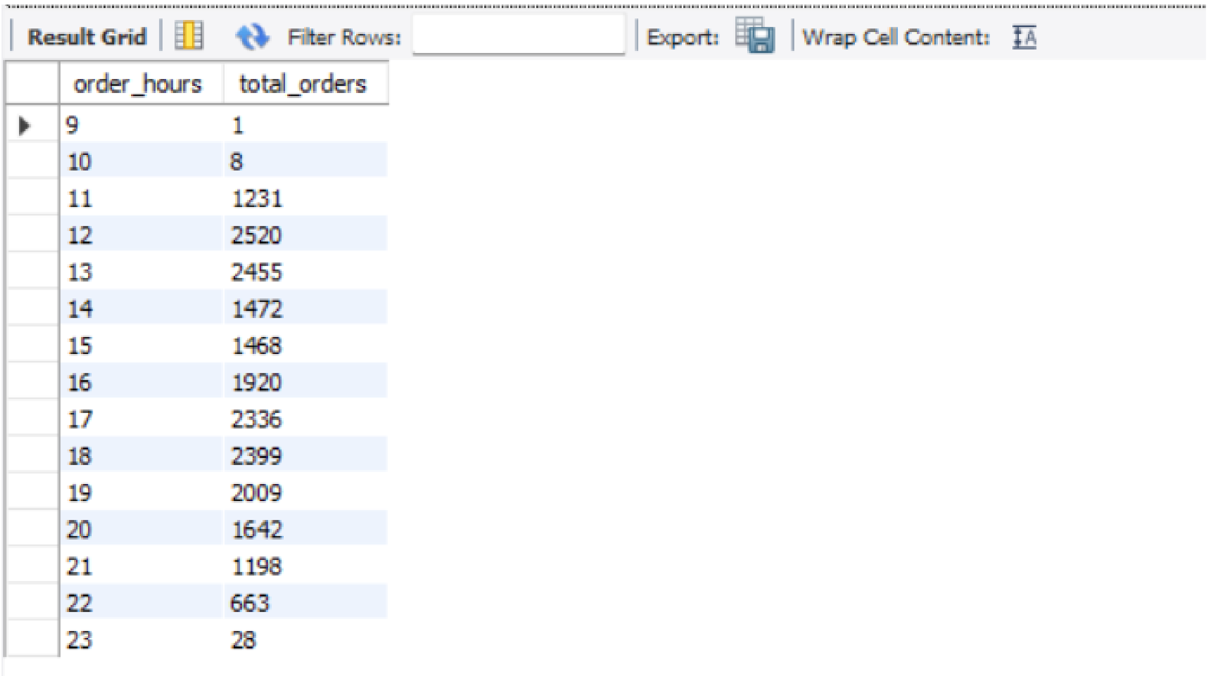


order_day	total_orders
Friday	3538
Thursday	3239
Saturday	3158
Wednesday	3024
Tuesday	2973
Monday	2794
Sunday	2624

7. ORDERS BY HOUR -

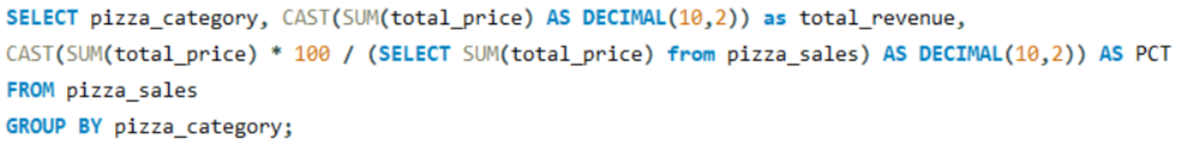


```
SELECT
    HOUR(order_time) AS order_hours,
    COUNT(DISTINCT order_id) AS total_orders
FROM pizza_sales
GROUP BY HOUR(order_time)
ORDER BY order_hours;
```

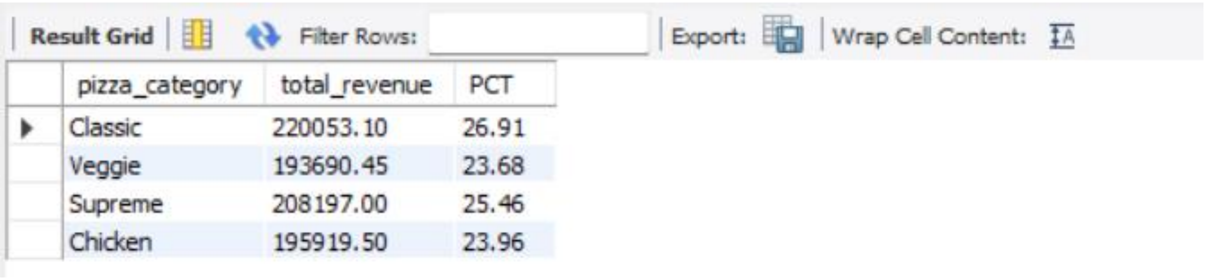


order_hours	total_orders
9	1
10	8
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28

8. %age OF SALES BY PIZZA CATEGORY –

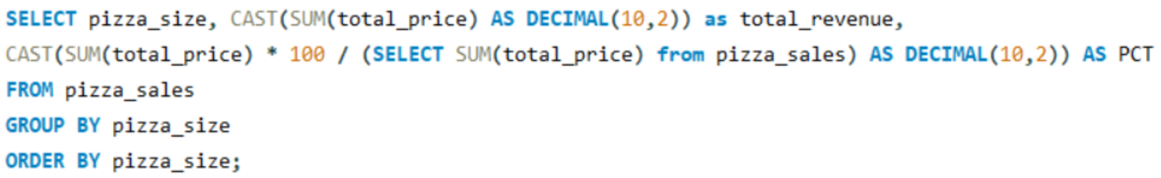


```
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) as total_revenue,
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) from pizza_sales) AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_category;
```

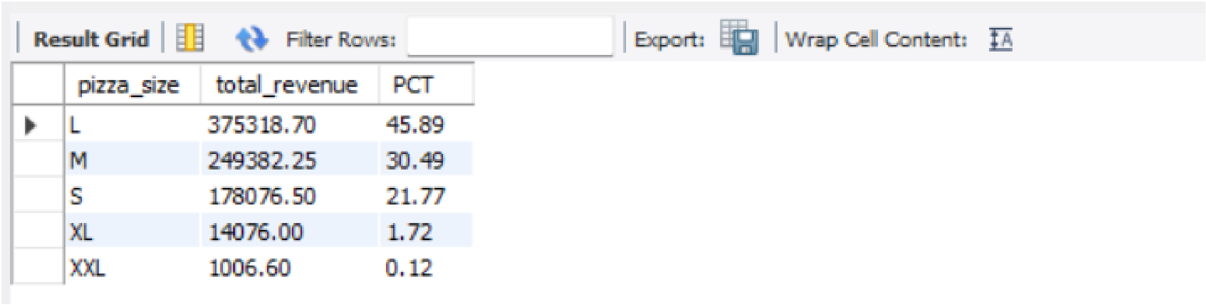


pizza_category	total_revenue	PCT
Classic	220053.10	26.91
Veggie	193690.45	23.68
Supreme	208197.00	25.46
Chicken	195919.50	23.96

9. %age OF SALES BY PIZZA SIZE –

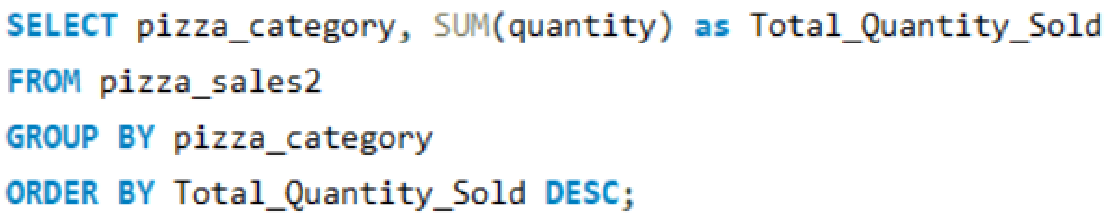


```
SELECT pizza_size, CAST(SUM(total_price) AS DECIMAL(10,2)) as total_revenue,
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) from pizza_sales) AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_size
ORDER BY pizza_size;
```

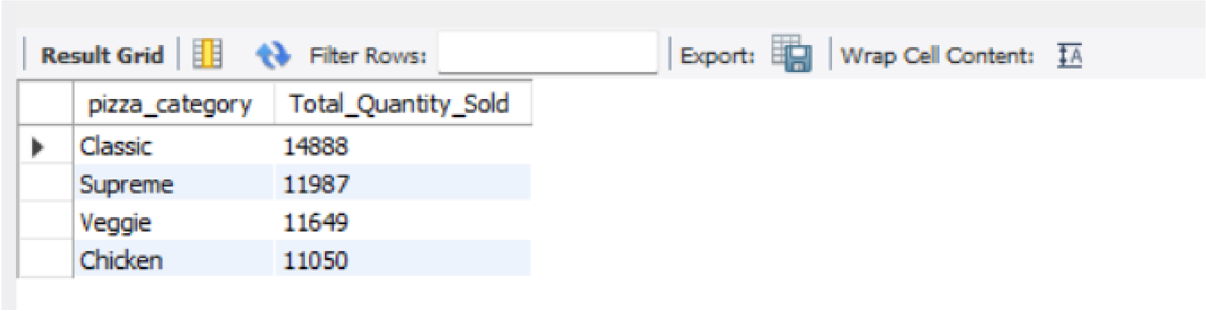


pizza_size	total_revenue	PCT
L	375318.70	45.89
M	249382.25	30.49
S	178076.50	21.77
XL	14076.00	1.72
XXL	1006.60	0.12

10. TOTAL PIZZA SOLD BY CATEGORY –

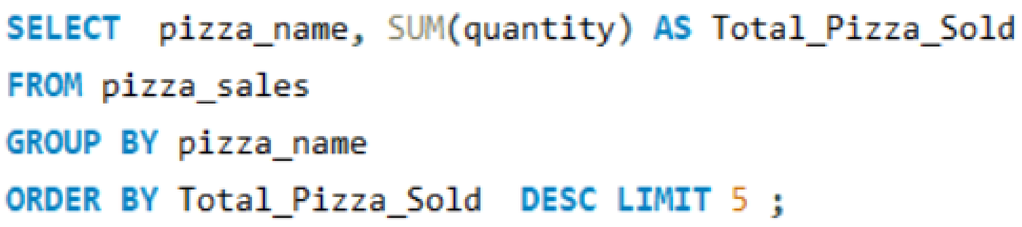


```
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC;
```

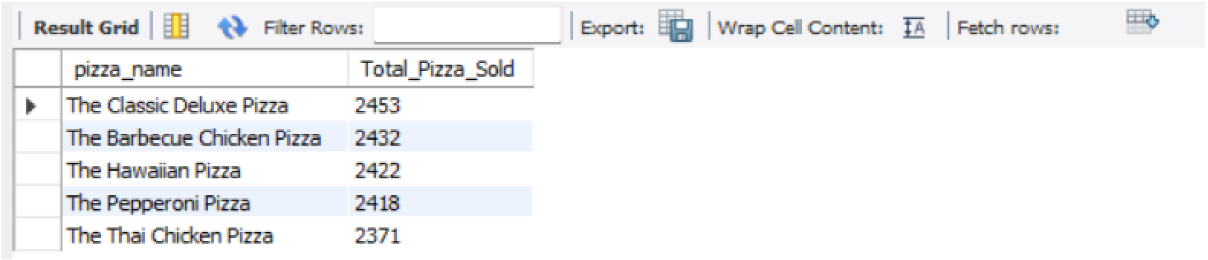


pizza_category	Total_Quantity_Sold
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

11. PIZZA NAME AND SOLD TOTAL QUANTITY TOP 5 -

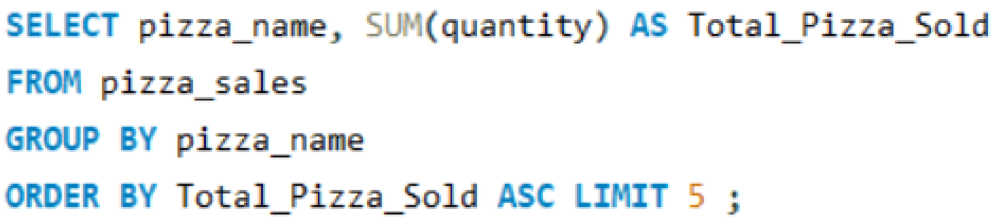


```
SELECT  pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold  DESC LIMIT 5 ;
```

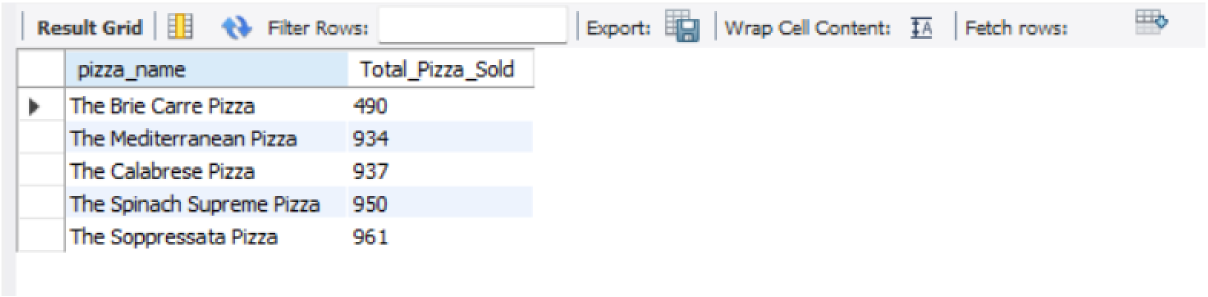


pizza_name	Total_Pizza_Sold
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

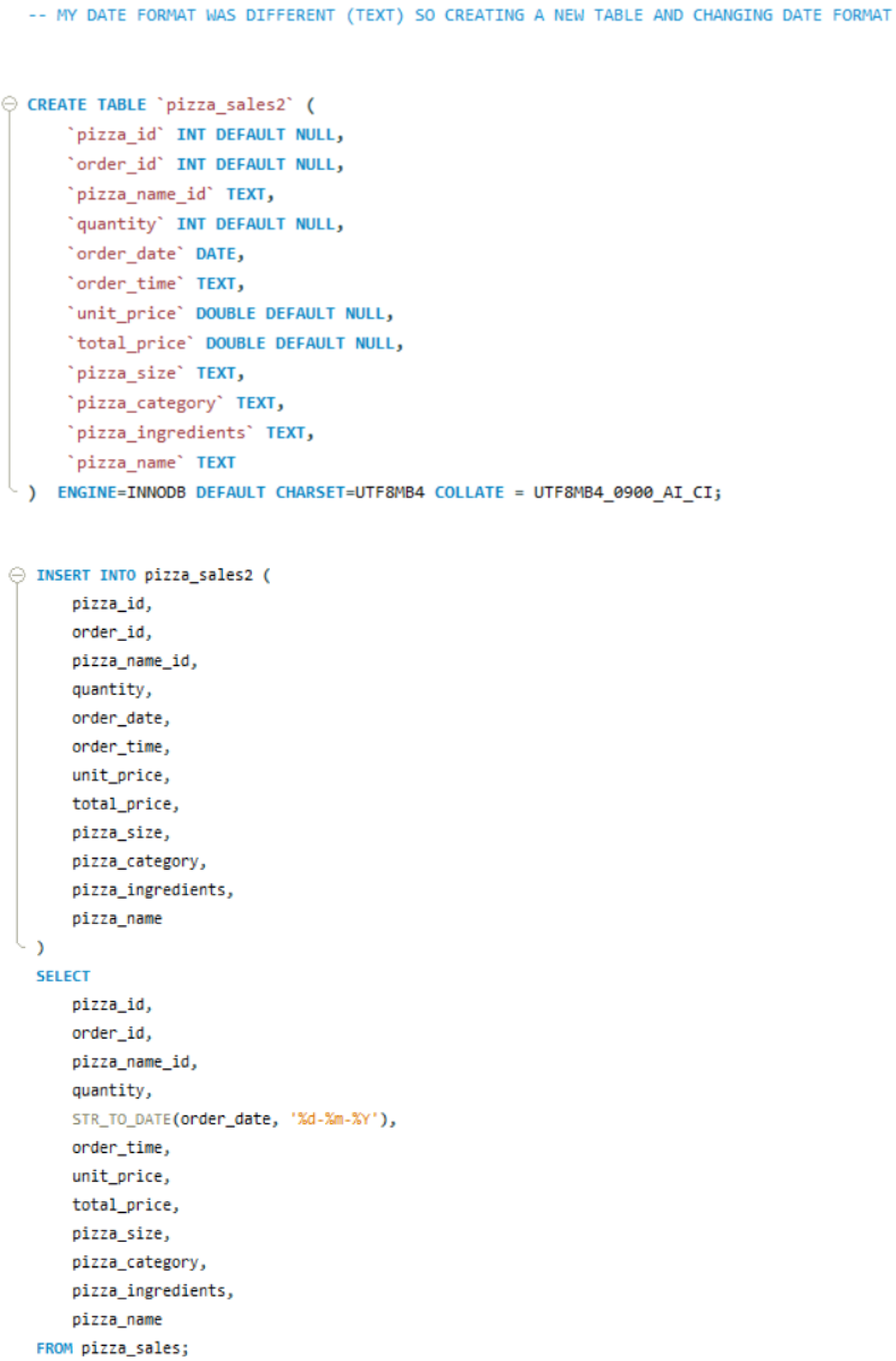
12. LOWER 5 -



```
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold ASC LIMIT 5 ;
```



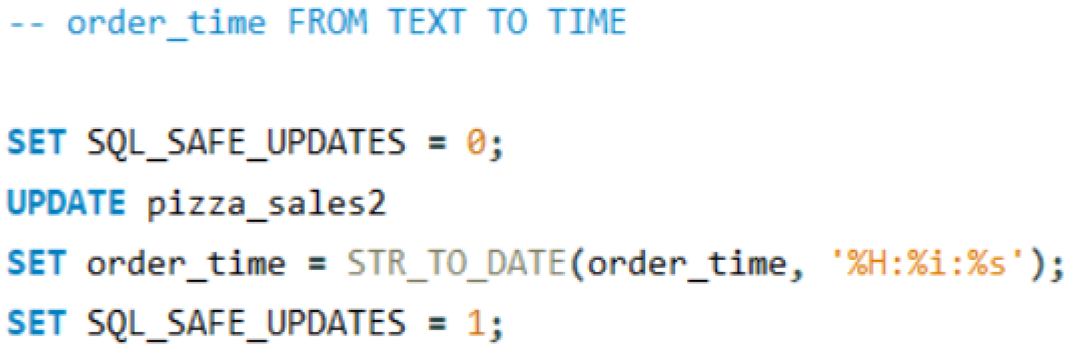
pizza_name	Total_Pizza_Sold
The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961



```sql
-- MY DATE FORMAT WAS DIFFERENT (TEXT) SO CREATING A NEW TABLE AND CHANGING DATE FORMAT


CREATE TABLE `pizza_sales2` (
    `pizza_id` INT DEFAULT NULL,
    `order_id` INT DEFAULT NULL,
    `pizza_name_id` TEXT,
    `quantity` INT DEFAULT NULL,
    `order_date` DATE,
    `order_time` TEXT,
    `unit_price` DOUBLE DEFAULT NULL,
    `total_price` DOUBLE DEFAULT NULL,
    `pizza_size` TEXT,
    `pizza_category` TEXT,
    `pizza_ingredients` TEXT,
    `pizza_name` TEXT
)  ENGINE=INNODB DEFAULT CHARSET=UTF8MB4 COLLATE = UTF8MB4_0900_AI_CI;


INSERT INTO pizza_sales2 (
    pizza_id,
    order_id,
    pizza_name_id,
    quantity,
    order_date,
    order_time,
    unit_price,
    total_price,
    pizza_size,
    pizza_category,
    pizza_ingredients,
    pizza_name
)
SELECT
    pizza_id,
    order_id,
    pizza_name_id,
    quantity,
    STR_TO_DATE(order_date, '%d-%m-%Y'),
    order_time,
    unit_price,
    total_price,
    pizza_size,
    pizza_category,
    pizza_ingredients,
    pizza_name
FROM pizza_sales;
```



```
-- order_time FROM TEXT TO TIME

SET SQL_SAFE_UPDATES = 0;
UPDATE pizza_sales2
SET order_time = STR_TO_DATE(order_time, '%H:%i:%s');
SET SQL_SAFE_UPDATES = 1;
```