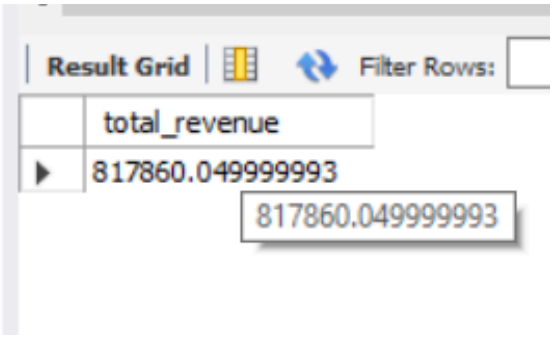
PIZZA SALES SQL QUERIES

KPI's

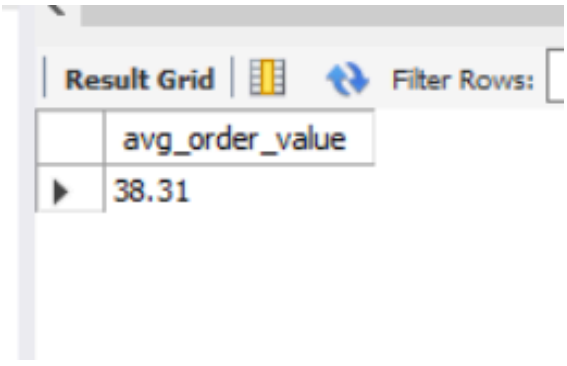
1. **Total Revenue:**

```
SELECT
   SUM(total_price) AS total_revenue
FROM
   Pizza_sales;
```



2. **Average Order Value:**

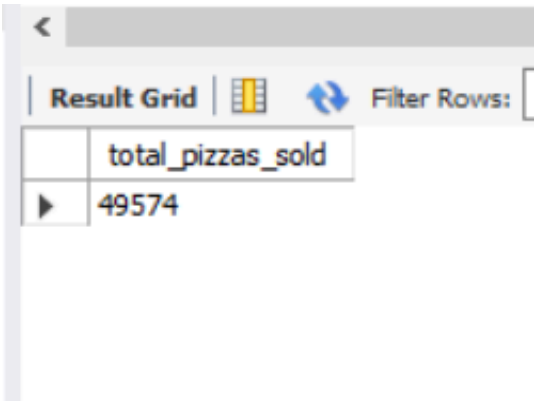
```
SELECT
   ROUND((SUM(total_price) / COUNT(DISTINCT (order_id))),
         2) AS avg_order_value
FROM
   pizza_sales;
```



3. **Total Pizzas Sold:**

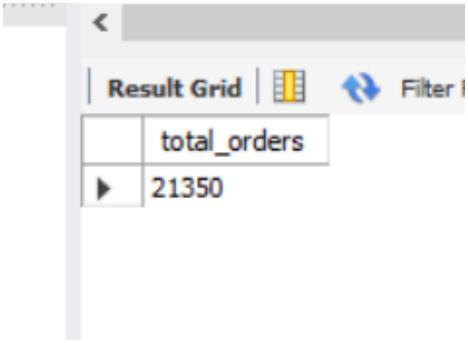
```
SELECT
   SUM(quantity) AS total_pizzas_sold
```

```
FROM
    pizza_sales;
```



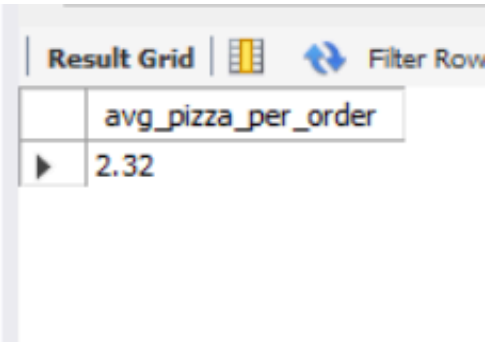
4. **Total Orders:**

```
SELECT
    COUNT(DISTINCT (order_id)) AS total_orders
FROM
    pizza_sales;
```



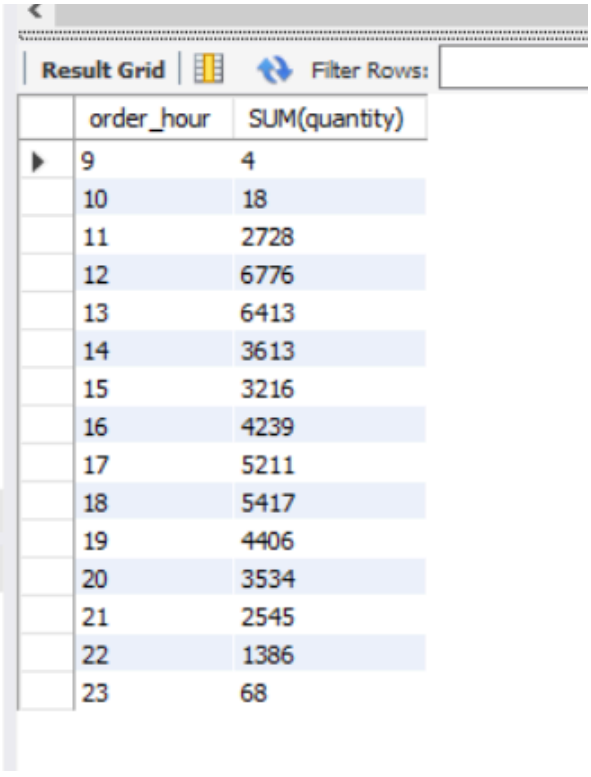
5. **Average Pizzas per Order:**

```
SELECT
    ROUND(SUM(quantity) / COUNT(DISTINCT (order_id)),
            2) AS avg_pizza_per_order
FROM
    pizza_sales;
```



HOURLY TREND FOR TOTAL PIZZAS SOLD:

```
SELECT
    HOUR(order_time) AS order_hour, SUM(quantity)
FROM
    pizza_sales
GROUP BY order_hour
ORDER BY order_hour;
```

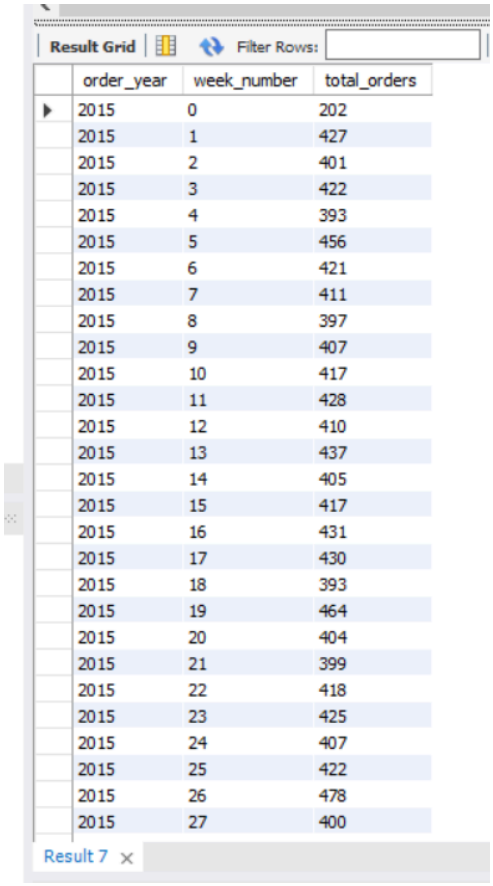


order_hour	SUM(quantity)
9	4
10	18
11	2728
12	6776
13	6413
14	3613
15	3216
16	4239
17	5211
18	5417
19	4406
20	3534
21	2545
22	1386
23	68

WEEKLY TREND FOR TOTAL PIZZAS SOLD:

```
SELECT
```

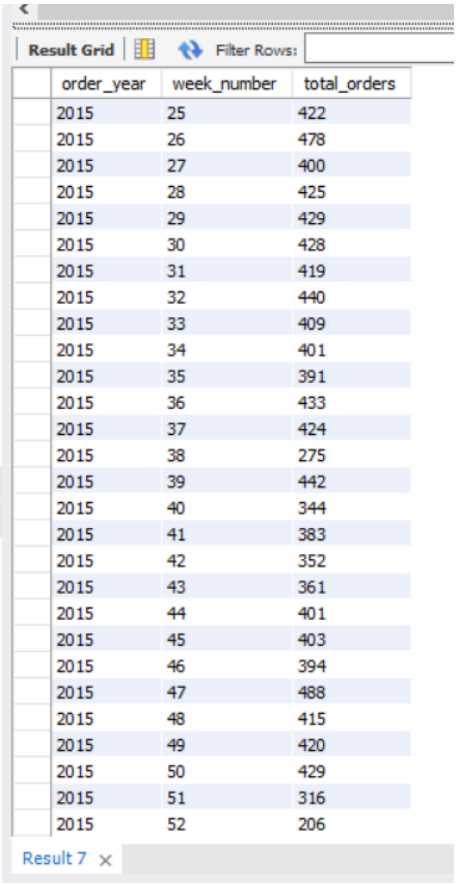
```
    YEAR(order_date) AS order_year,
    WEEK(order_date) AS week_number,
    COUNT(DISTINCT (order_id)) AS total_orders
FROM
    pizza_sales
GROUP BY week_number , order_year
ORDER BY week_number , order_year;
```



Result Grid | Filter Rows:

order_year	week_number	total_orders
2015	0	202
2015	1	427
2015	2	401
2015	3	422
2015	4	393
2015	5	456
2015	6	421
2015	7	411
2015	8	397
2015	9	407
2015	10	417
2015	11	428
2015	12	410
2015	13	437
2015	14	405
2015	15	417
2015	16	431
2015	17	430
2015	18	393
2015	19	464
2015	20	404
2015	21	399
2015	22	418
2015	23	425
2015	24	407
2015	25	422
2015	26	478
2015	27	400

Result 7



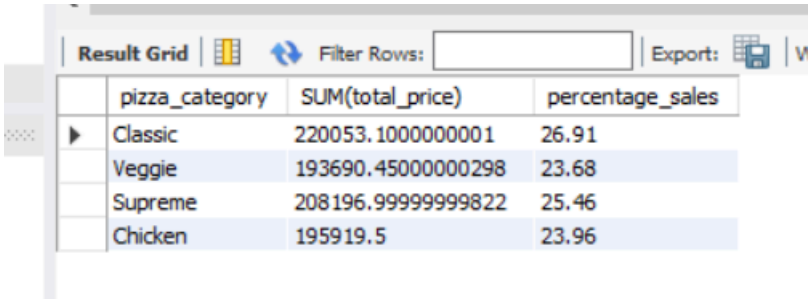
Result Grid | Filter Rows:

order_year	week_number	total_orders
2015	25	422
2015	26	478
2015	27	400
2015	28	425
2015	29	429
2015	30	428
2015	31	419
2015	32	440
2015	33	409
2015	34	401
2015	35	391
2015	36	433
2015	37	424
2015	38	275
2015	39	442
2015	40	344
2015	41	383
2015	42	352
2015	43	361
2015	44	401
2015	45	403
2015	46	394
2015	47	488
2015	48	415
2015	49	420
2015	50	429
2015	51	316
2015	52	206

Result 7

% OF SALES BY PIZZA CATEGORY:

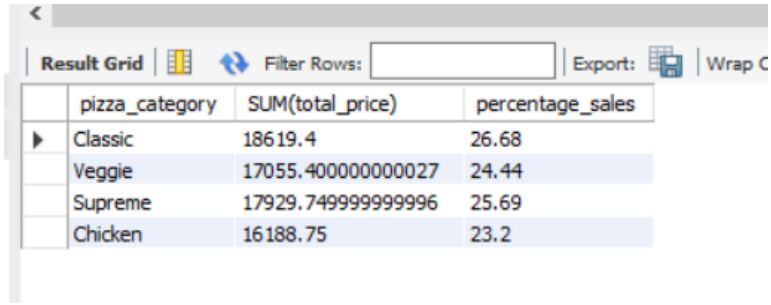
```
SELECT
    pizza_category, SUM(total_price),
    ROUND((SUM(total_price) / (SELECT
                SUM(total_price)
            FROM
                pizza_sales)) * 100,
        2) AS percentage_sales
FROM
    pizza_sales
GROUP BY pizza_category;
```



Result Grid | Filter Rows: | Export:

pizza_category	SUM(total_price)	percentage_sales
Classic	220053.1000000001	26.91
Veggie	193690.45000000298	23.68
Supreme	208196.99999999822	25.46
Chicken	195919.5	23.96

```
SELECT
    pizza_category, SUM(total_price),
    ROUND((SUM(total_price) / (SELECT
                SUM(total_price)
            FROM
                pizza_sales
            WHERE
                MONTH(order_date) = 1)) * 100,
        2) AS percentage_sales
FROM
    pizza_sales
WHERE
    MONTH(order_date) = 1
GROUP BY pizza_category;
```



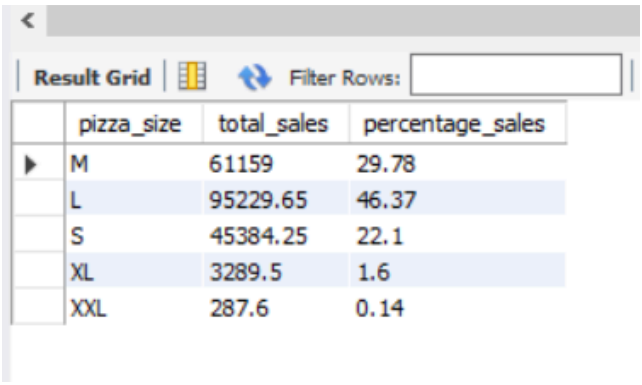
Result Grid | Filter Rows: | Export: | Wrap C

pizza_category	SUM(total_price)	percentage_sales
Classic	18619.4	26.68
Veggie	17055.400000000027	24.44
Supreme	17929.749999999996	25.69
Chicken	16188.75	23.2

% OF SALES BY PIZZA SIZE:

```
SELECT
    pizza_size, round(SUM(total_price),2) as total_sales,
    round((SUM(total_price) / (SELECT
                SUM(total_price)
            FROM
                pizza_sales where quarter(order_date)=1
            )) * 100,2) AS percentage_sales
FROM
```

```
    pizza_sales
    where quarter(order_date)=1
GROUP BY pizza_size;
```

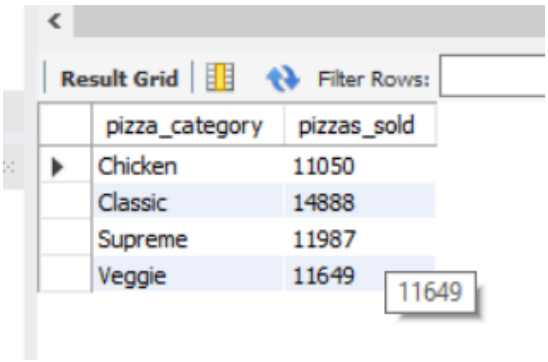


Result Grid | Filter Rows:

pizza_size	total_sales	percentage_sales
M	61159	29.78
L	95229.65	46.37
S	45384.25	22.1
XL	3289.5	1.6
XXL	287.6	0.14

TOTAL PIZZAS SOLD BY PIZZA CATEGORY:

```
SELECT
    pizza_category, SUM(quantity) AS pizzas_sold
FROM
    pizza_sales
GROUP BY pizza_category
ORDER BY pizza_category;
```



Result Grid | Filter Rows:

pizza_category	pizzas_sold
Chicken	11050
Classic	14888
Supreme	11987
Veggie	11649

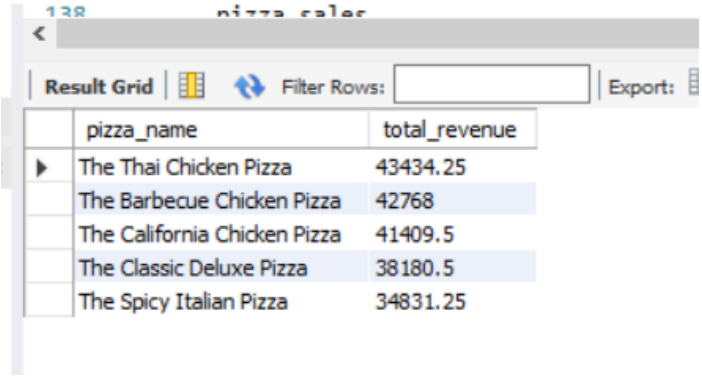
11649

TOP 5 PIZZA BESTSELLERS BY:

REVENUE

```
SELECT
    pizza_name, SUM(total_price) AS total_revenue
FROM
    pizza_sales
GROUP BY pizza_name
```

```
ORDER BY total_revenue DESC
LIMIT 5;
```

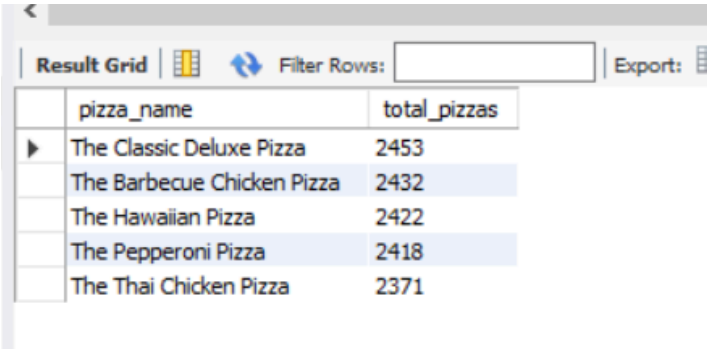


Result Grid | Filter Rows: | Export:

pizza_name	total_revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25

QUANTITY

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

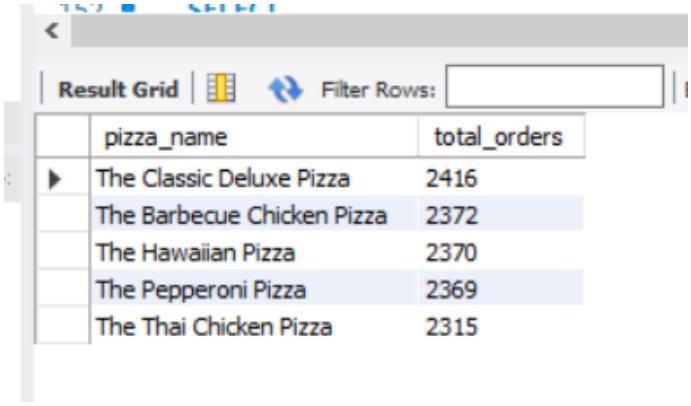


Result Grid | Filter Rows: | Export:

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

ORDERS

```
SELECT
   pizza_name, count(order_id) AS total_orders
FROM
   pizza_sales
GROUP BY pizza_name
ORDER BY total_orders DESC
LIMIT 5;
```

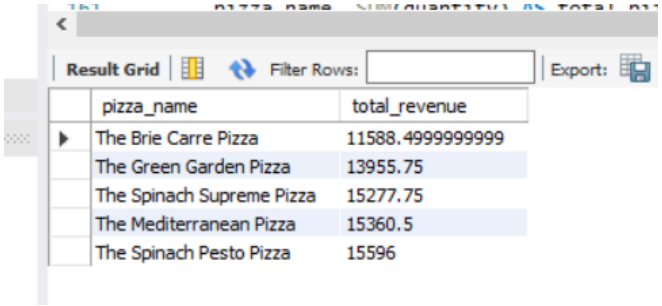


pizza_name	total_orders
The Classic Deluxe Pizza	2416
The Barbecue Chicken Pizza	2372
The Hawaiian Pizza	2370
The Pepperoni Pizza	2369
The Thai Chicken Pizza	2315

BOTTOM 5 PIZZA BESTSELLERS BY:

REVENUE

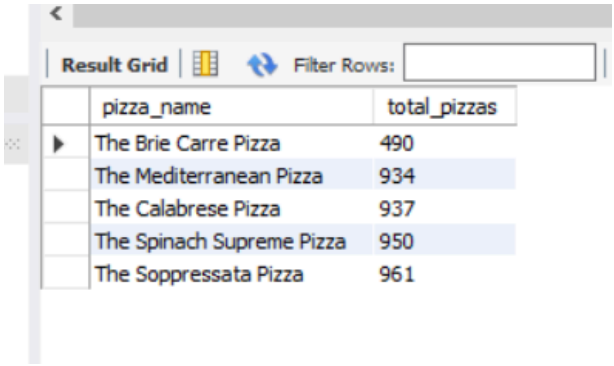
```
SELECT
    pizza_name, SUM(total_price) AS total_revenue
FROM
    pizza_sales
GROUP BY pizza_name
ORDER BY total_revenue asc
LIMIT 5;
```



pizza_name	total_revenue
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596

QUANTITY

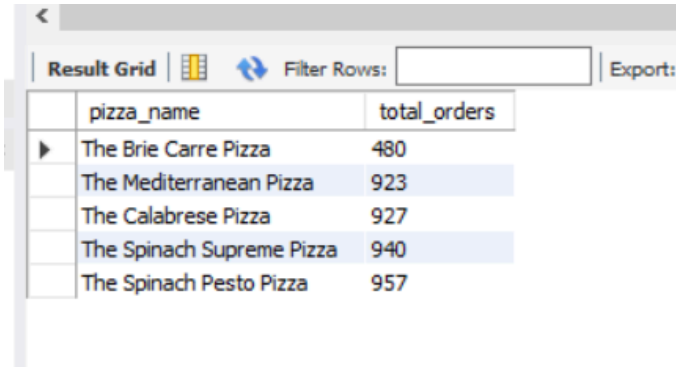
```
SELECT
    pizza_name, SUM(quantity) AS total_pizzas
FROM
    pizza_sales
GROUP BY pizza_name
ORDER BY total_pizzas asc
LIMIT 5;
```



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

ORDERS

```
SELECT
   pizza_name, count(order_id) AS total_orders
FROM
   pizza_sales
GROUP BY pizza_name
ORDER BY total_orders asc
LIMIT 5;
```



pizza_name	total_orders
The Brie Carre Pizza	480
The Mediterranean Pizza	923
The Calabrese Pizza	927
The Spinach Supreme Pizza	940
The Spinach Pesto Pizza	957