

PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

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

Output:

| Result Grid | |
|-------------|---------------|
| | Total_Revenue |
| ▶ | 817860.05 |

2. Average Order Value:

```
SELECT SUM(total_price) / COUNT(Distinct order_id) AS Average_order_Value FROM pizza_sales;
```

Output:

| Result Grid | |
|-------------|---------------|
| | Average_order |
| ▶ | 38.307262 |

3. Total Pizza Sold:

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

Output:

| Result Grid | |
|-------------|------------------|
| | Total_Pizza_Sold |
| ▶ | 49574 |

4. Total Orders:

```
SELECT COUNT(Distinct order_id) AS Total_orders FROM pizza_sales;
```

Output:

| Result Grid | |
|-------------|--------------|
| | Total_orders |
| ▶ | 21350 |

5. Average Pizza Per Order:

```
SELECT CAST(SUM(quantity) / COUNT(Distinct order_id) AS DECIMAL(10,2)) AS Average_pizza_per_order FROM pizza_sales;
```

Output:

| Result Grid | Filter Rows |
|-------------------------|-------------|
| Average_pizza_per_order | |
| 2.32 | |

6. Daliy Trend for Total Orders

```
SELECT DAYNAME(order_date) AS order_day, COUNT(DISTINCT order_id) AS total_order
FROM pizza_sales
```

```
GROUP BY DAYNAME(order_date);
```

Output:

| Result Grid | Filter Rows |
|-------------|-------------|
| order_day | total_order |
| Friday | 3538 |
| Monday | 2794 |
| Saturday | 3158 |
| Sunday | 2624 |
| Thursday | 3239 |
| Tuesday | 2973 |
| Wednesday | 3024 |

7. Month Trend for Total Sales

```
SELECT MONTHNAME(order_date) AS order_month, COUNT(Distinct order_id) AS
total_order_month FROM pizza_sales
```

```
GROUP BY MONTHNAME(order_date)
```

```
ORDER BY total_order_month DESC;
```

Output:

| Result Grid | Filter Rows |
|-------------|-------------------|
| order_month | total_order_month |
| July | 1935 |
| May | 1853 |
| January | 1845 |
| August | 1841 |
| March | 1840 |
| April | 1799 |
| November | 1792 |
| June | 1773 |
| February | 1685 |
| December | 1680 |
| September | 1661 |
| October | 1646 |

8. Percentage of Sales by Pizza Category:

```
SELECT pizza_category, SUM(total_price) as total_sales,
```

```
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS DECIMAL
(10,2)) AS percentage_total_sales_category
```

FROM pizza_sales

GROUP BY pizza_category;

Output:

| Result Grid | Filter Rows: | Export: |
|----------------|--------------|---------------------------------|
| pizza_category | total_sales | percentage_total_sales_category |
| Classic | 220053.10 | 26.91 |
| Veggie | 193690.45 | 23.68 |
| Supreme | 208197.00 | 25.46 |
| Chicken | 195919.50 | 23.96 |

9. Percentage of Sales by Pizza Size:

SELECT pizza_size,

SUM(total_price) AS total_price,

CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS
DECIMAL(10,2)) AS total_sales_on_pizza_size

FROM pizza_sales

GROUP BY pizza_size

ORDER BY total_sales_on_pizza_size DESC;

Output:

| Result Grid | Filter Rows: | E |
|-------------|--------------|---------------------------|
| pizza_size | total_price | total_sales_on_pizza_size |
| 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 Pizza Category

SELECT pizza_category, SUM(quantity) AS Total_Pizzas_Sold

FROM pizza_sales

GROUP BY pizza_category

Output:

| Result Grid | Filter Rows: |
|----------------|-------------------|
| pizza_category | Total_Pizzas_Sold |
| Classic | 14888 |
| Veggie | 11649 |
| Supreme | 11987 |
| Chicken | 11050 |

11. Top 5 pizzas by Total Sales

SELECT pizza_name, SUM(total_price) AS total_Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY total_Revenue **DESC**

LIMIT 5;

Output:

| | pizza_name | total_Revenue |
|---|------------------------------|---------------|
| ▶ | The Thai Chicken Pizza | 43434.25 |
| | The Barbecue Chicken Pizza | 42768.00 |
| | The California Chicken Pizza | 41409.50 |
| | The Classic Deluxe Pizza | 38180.50 |
| | The Spicy Italian Pizza | 34831.25 |

12. Bottom 5 pizza by Total Sales

SELECT pizza_name, SUM(total_price) AS total_Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY total_Revenue **ASC**

LIMIT 5;

Output:

| | pizza_name | total_Revenue |
|---|---------------------------|---------------|
| ▶ | The Brie Carre Pizza | 11588.50 |
| | The Green Garden Pizza | 13955.75 |
| | The Spinach Supreme Pizza | 15277.75 |
| | The Mediterranean Pizza | 15360.50 |
| | The Spinach Pesto Pizza | 15596.00 |

13. Top 5 Pizza Quantity by total sales

SELECT pizza_name, SUM(quantity) AS total_quantity FROM pizza_sales

GROUP BY pizza_name

ORDER BY total_quantity DESC

LIMIT 5;

Output:

| | pizza_name | total_quantity |
|---|----------------------------|----------------|
| ▶ | The Classic Deluxe Pizza | 2453 |
| | The Barbecue Chicken Pizza | 2432 |
| | The Hawaiian Pizza | 2422 |
| | The Pepperoni Pizza | 2418 |
| | The Thai Chicken Pizza | 2371 |

14. Bottom 5 Quantity Pizza Sales

```
SELECT pizza_name, SUM(quantity) AS total_quantity FROM pizza_sales
```

```
GROUP BY pizza_name
```

```
ORDER BY total_quantity ASC
```

```
LIMIT 5;
```

Output:

| | pizza_name | total_quantity |
|---|---------------------------|----------------|
| ▶ | The Brie Carre Pizza | 490 |
| | The Mediterranean Pizza | 934 |
| | The Calabrese Pizza | 937 |
| | The Spinach Supreme Pizza | 950 |
| | The Soppressata Pizza | 961 |

15. Top 5 Total Orders

```
SELECT pizza_name, COUNT(DISTINCT order_id) AS total_orders FROM pizza_sales
```

```
GROUP BY pizza_name
```

```
ORDER BY total_orders DESC
```

```
LIMIT 5;
```

Output:

| | pizza_name | total_orders |
|---|----------------------------|--------------|
| ▶ | The Classic Deluxe Pizza | 2329 |
| | The Hawaiian Pizza | 2280 |
| | The Pepperoni Pizza | 2278 |
| | The Barbecue Chicken Pizza | 2273 |
| | The Thai Chicken Pizza | 2225 |

16. Bottom 5 Pizza Total Orders

```
SELECT pizza_name, COUNT(DISTINCT order_id) AS total_order FROM pizza_sales
```

```
GROUP BY pizza_name
```

```
ORDER BY total_order ASC
```

```
LIMIT 5;
```

Output:

| | pizza_name | total_order |
|---|---------------------------|-------------|
| ▶ | The Brie Carre Pizza | 480 |
| | The Mediterranean Pizza | 912 |
| | The Calabrese Pizza | 918 |
| | The Spinach Supreme Pizza | 918 |
| | The Chicken Pesto Pizza | 938 |

