

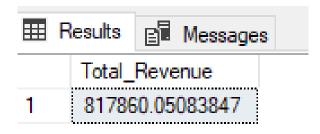


1. Total Revenue:

Query:

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

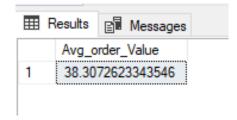
Output:



2. Average Order Value:

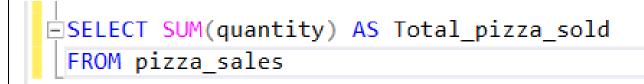
Query:

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



3. Total Pizzas Sold

Query:



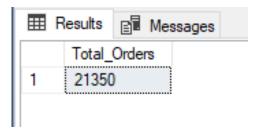
Output:



4. Total Orders

Query:

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

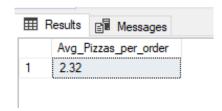


5. Average Pizzas Per Order

Query:

```
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
```

Output:



B. Hourly Trend for Total Pizzas Sold.

Query:

```
SELECT DATEPART(HOUR, order_time) as order_hours, SUM(quantity) as total_pizzas_sold from pizza_sales group by DATEPART(HOUR, order_time) order by DATEPART(HOUR, order_time)
```

| ⊞ F | Results 📳 M | essages |
|-----|-------------|-------------------|
| | order_hours | total_pizzas_sold |
| 1 | 9 | 4 |
| 2 | 10 | 18 |
| 3 | 11 | 2728 |
| 4 | 12 | 6776 |
| 5 | 13 | 6413 |
| 6 | 14 | 3613 |
| 7 | 15 | 3216 |
| 8 | 16 | 4239 |
| 9 | 17 | 5211 |
| 10 | 18 | 5417 |
| 11 | 19 | 4406 |
| 12 | 20 | 3534 |
| 13 | 21 | 2545 |
| 14 | 22 | 1386 |
| 15 | 23 | 68 |

C. Weekly Trend for Orders.

Query:

```
DATEPART(ISO_WEEK, order_date) AS WeekNumber,
YEAR(order_date) AS Year,
COUNT(DISTINCT order_id) AS Total_orders
FROM
pizza_sales
GROUP BY
DATEPART(ISO_WEEK, order_date),
YEAR(order_date)
ORDER BY
Year, WeekNumber;
```

| ⊞ F | Results 📳 Mes | sages | | | | | | | | | | | |
|-----|---------------|-------|--------------|------------|----------|--------|--------------|--------------|----|---------|--------|------|--------------|
| | WeekNumber | Year | Total_orders | === | Results | ₽ Mes | sages | | | | | | |
| 1 | 1 | 2015 | 254 | | Week | Number | Year | Total_orders | | | | | |
| 2 | 2 | 2015 | 427 | 21 | 21 | | 2015 | 414 | | | | | |
| 3 | 3 | 2015 | 400 | 22 | 22 | | 2015 | 390 | | Results | - E | | |
| 4 | 4 | 2015 | 415 | 23 | 23 | | 2015 | 423 | | | B Me | | |
| 5 | 5 | 2015 | 436 | 24 | 24 | | 2015 | 418 | | | Number | Year | Total_orders |
| 6 | 6 | 2015 | 422 | 25 | 25 | | 2015 | 410 | 40 | 40 | | 2015 | 433 |
| 7 | 7 | 2015 | 423 | 26 | 26 | | 2015 | 416 | 41 | 41 | | 2015 | 334 |
| 8 | 8 | 2015 | 393 | 27 | 27 | | 2015 | 474 | 42 | 42 | | 2015 | 386 |
| 9 | 9 | 2015 | 409 | 28 | 28 | | 2015 | 417 | 43 | 43 | | 2015 | 352 |
| 10 | 10 | 2015 | 420 | 29 | 29 | | 2015 | 420 | 44 | 44 | | 2015 | 371 |
| 11 | 11 | 2015 | 404 | 30 | 30 31 | | 2015 | 433 | 45 | 45 | | 2015 | 394 |
| 12 | 12 | 2015 | 416 | 31 | 32 | | 2015 2015 | 419 426 | 46 | 46 | | 2015 | 400 |
| 13 | 13 | 2015 | 427 | 33 | 33 | | 2015 | 435 | 47 | 47 | | 2015 | 392 |
| 14 | 14 | 2015 | 433 | 34 | 34 | | 2015 | 407 | 48 | 48 | | 2015 | 491 |
| 15 | 15 | 2015 | 408 | 35 | 35 | | 2015 | 394 | | | | | |
| 16 | 16 | 2015 | 414 | 36 | 36 | | 2015 | 397 | 49 | 49 | | 2015 | 424 |
| 17 | 17 | 2015 | 437 | 37 | 37 | | 2015 | 435 | 50 | 50 | | 2015 | 417 |
| 18 | 18 | 2015 | 423 | 38 | 38 | | 2015 | 423 | 51 | 51 | | 2015 | 430 |
| 19 | 19 | 2015 | 399 | 39 | 39 | | 2015 | 288 | 52 | 52 | | 2015 | 298 |
| 20 | 20 | 2015 | 458 | 40 | 40 | | 2015 | 433 | 53 | 53 | | 2015 | 171 |

D. Percentage of Sales by Pizza Category.

Query:

```
□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
```

Output:

| | pizza_category | total_revenue | PCT |
|---|----------------|---------------|-------|
| 1 | Classic | 220053.10 | 26.91 |
| 2 | Chicken | 195919.50 | 23.96 |
| 3 | Veggie | 193690.45 | 23.68 |
| 4 | Supreme | 208197.00 | 25.46 |

E. Percentage of Sales by Pizza Size.

Query:

```
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
```

| == | Results | | Messages | |
|-----------|---------|------|---------------|-------|
| | pizza_ | size | total_revenue | PCT |
| 1 | L | | 375318.70 | 45.89 |
| 2 | M | | 249382.25 | 30.49 |
| 3 | S | | 178076.50 | 21.77 |
| 4 | XL | | 14076.00 | 1.72 |
| 5 | XXL | | 1006.60 | 0.12 |

F. Total Pizzas Sold by Pizza Category.

Query:

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

Output:

| III | Results 🗐 Mes | sages |
|------------|----------------|---------------------|
| | pizza_category | Total_Quantity_Sold |
| 1 | Classic | 14888 |
| 2 | Supreme | 11987 |
| 3 | Veggie | 11649 |
| 4 | Chicken | 11050 |

G. Top 5 Pizzas by Revenue.

Query:

```
SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue DESC
```

| Ⅲ F | Results Messages | |
|-----|------------------------------|---------------|
| | pizza_name | Total_Revenue |
| 1 | The Thai Chicken Pizza | 43434.25 |
| 2 | The Barbecue Chicken Pizza | 42768 |
| 3 | The California Chicken Pizza | 41409.5 |
| 4 | The Classic Deluxe Pizza | 38180.5 |
| 5 | The Spicy Italian Pizza | 34831.25 |

H. Bottom 5 Pizzas by Revenue.

Query:

```
SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
```

Output:



I. Top 5 Pizzas by Quantity.

Query:

```
SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Quantity
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Quantity DESC
```

| | pizza_name | Total_Quantity |
|---|----------------------------|----------------|
| 1 | The Classic Deluxe Pizza | 2453 |
| 2 | The Barbecue Chicken Pizza | 2432 |
| 3 | The Hawaiian Pizza | 2422 |
| 4 | The Pepperoni Pizza | 2418 |
| 5 | The Thai Chicken Pizza | 2371 |

J. Bottom 5 Pizzas by Quantity.

Query:

```
SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Quantity
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Quantity ASC
```

Output:

| III | Results Messages | |
|------------|---------------------------|----------------|
| | pizza_name | Total_Quantity |
| 1 | The Brie Carre Pizza | 490 |
| 2 | The Mediterranean Pizza | 934 |
| 3 | The Calabrese Pizza | 937 |
| 4 | The Spinach Supreme Pizza | 950 |
| 5 | The Soppressata Pizza | 961 |

K. Top 5 Pizzas by Total Orders.

Query:

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders DESC
```

| ▦ | Results Messages | |
|---|----------------------------|--------------|
| | pizza_name | Total_Orders |
| 1 | The Classic Deluxe Pizza | 2329 |
| 2 | The Hawaiian Pizza | 2280 |
| 3 | The Pepperoni Pizza | 2278 |
| 4 | The Barbecue Chicken Pizza | 2273 |
| 5 | The Thai Chicken Pizza | 2225 |

L. Bottom 5 Pizzas by Total Orders.

Query:

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders ASC
```

| | pizza_name | Total_Orders |
|---|---------------------------|--------------|
| 1 | The Brie Carre Pizza | 480 |
| 2 | The Mediterranean Pizza | 912 |
| 3 | The Spinach Supreme Pizza | 918 |
| | The Calabrese Pizza | 918 |
| | The Chicken Pesto Pizza | 938 |