PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;

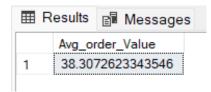
Results Messages

Total_Revenue

1 817860.05083847

2. Average Order Value

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



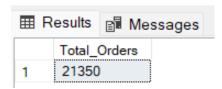
3. Total Pizzas Sold

SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales



4. Total Orders

SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales



5. Average Pizzas Per Order

```
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
```

```
Results Messages

Avg_Pizzas_per_order

1 2.32
```

B. Daily Trend for Total Orders

```
SELECT DATENAME(DW, order_date) AS order_day,
COUNT(DISTINCT order_id) AS total_orders
```

```
FROM pizza_sales
GROUP BY DATENAME(DW, order_date)
```

Output:

| ⊞ Results | | |
|-----------|-----------|--------------|
| | order_day | total_orders |
| 1 | Saturday | 3158 |
| 2 | Wednesday | 3024 |
| 3 | Monday | 2794 |
| 4 | Sunday | 2624 |
| 5 | Friday | 3538 |
| 6 | Thursday | 3239 |
| 7 | Tuesday | 2973 |

C. Hourly Trend for Orders

```
SELECT DATEPART(HOUR, order_time) as order_hours, COUNT(DISTINCT order_id) as total_orders from pizza_sales group by DATEPART(HOUR, order_time) order by DATEPART(HOUR, order_time)
```

Output

| ■ Results | | |
|-----------|-------------|--------------|
| | order_hours | total_orders |
| 1 | 9 | 1 |
| 2 | 10 | 8 |
| 3 | 11 | 1231 |
| 4 | 12 | 2520 |
| 5 | 13 | 2455 |
| 6 | 14 | 1472 |
| 7 | 15 | 1468 |
| 8 | 16 | 1920 |
| 9 | 17 | 2336 |
| 10 | 18 | 2399 |
| 11 | 19 | 2009 |
| 12 | 20 | 1642 |
| 13 | 21 | 1198 |
| 14 | 22 | 663 |
| 15 | 23 | 28 |

D. % 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
```

Output

| ⊞ Results | | | |
|-----------|----------------|---------------|-------|
| | 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. % 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
```

Output

| ⊞ Results | | | |
|-----------|------------|---------------|-------|
| | pizza_size | total_revenue | PCT |
| 1 | L | 375318.70 | 45.89 |
| 2 | М | 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

```
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

Output

| ■ Results | | |
|-----------|----------------|---------------------|
| | pizza_category | Total_Quantity_Sold |
| 1 | Classic | 14888 |
| 2 | Supreme | 11987 |
| 3 | Veggie | 11649 |
| 4 | Chicken | 11050 |

G. Top 5 Best Sellers by Total Pizzas Sold

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

Output

| | pizza_name | Total_Pizza_Sold |
|---|----------------------------|------------------|
| 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 |

H. Bottom 5 Best Sellers by Total Pizzas Sold

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

Output

| ■ Results | | |
|-----------|---------------------------|------------------|
| | pizza_name | Total_Pizza_Sold |
| 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 |