

## Pizza Sales SQL Queries

### 1.Total Revenue

```
select SUM(total_price) as Total_revenue from pizza_sales
```

Result:

	Total_revenue
1	817860.05083847

### 2. Average Order Value

```
select SUM(total_price)/count( distinct order_id) as Average_order_value from pizza_sales
```

Result:

	Average_order_value
1	38.3072623343546

### 3. Total Number of pizzas sold

```
select SUM(quantity) as Total_pizzas_sold from pizza_sales
```

Result:

	Total_pizzas_sold
1	49574

### 4.Total Order Placed

```
select count(distinct order_id) as Total_order from pizza_sales
```

Result:

	Total_order
1	21350

### 5. Average number of pizzas per order

```
select cast(sum(quantity) as decimal(10,2))/cast(count(distinct order_id) as decimal(10,2)) as  
Average_pizzas_per_order from pizza_sales
```

Result:

	Average_pizzas_per_order
1	2.3219672131147

## 6. Daily trend for total orders

```
SELECT DATENAME(DW, order_date), COUNT(DISTINCT order_id) AS total_orders
from pizza_sales
GROUP BY DATENAME(DW, order_date)
```

Result:

	(No column name)	total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

## 7. Monthly trend for total orders

```
SELECT DATENAME(MONTH, order_date) AS Month_name, COUNT(DISTINCT order_id) AS
total_orders
FROM pizza_sales
GROUP BY DATENAME(MONTH, order_date)
ORDER BY total_orders DESC
```

Result:

	Month_name	total_orders
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

#### 8. Percentage of total sales by pizza category

```
SELECT pizza_category, SUM(total_price)*100/(SELECT SUM(total_price) from pizza_sales)
AS sales_percentage
from pizza_sales
GROUP BY pizza_category
```

Result:

	pizza_category	sales_percentage
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

#### 9. Percentage of total sales by pizza size

```
SELECT pizza_size, SUM(total_price)*100/(SELECT SUM(total_price) from pizza_sales) AS
sales_percentage
from pizza_sales
GROUP BY pizza_size
```

Result:

	pizza_size	sales_percentage
1	L	45.8903330244889
2	XXL	0.123077294254725
3	M	30.492044420599
4	XL	1.72107684995364
5	S	21.7734684107037

#### 10. Top 5 pizzas by revenue

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

Result:

	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

#### 11. Bottom 5 pizzas by revenue

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

Result:

	pizza_name	total_revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

#### 12. Top 5 pizzas by quantity

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

Result:

	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

#### 13. Bottom 5 pizzas by quantity

```
SELECT TOP 5 pizza_name, SUM(quantity) AS total_quantity FROM pizza_sales
GROUP BY pizza_name
```

ORDER BY total\_quantity

Result:

	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