

## 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 "Average Order Value" FROM pizza_sales;
```

Results		Messages
Average Order Value		
1	38.3072623343546	

#### 3. Total Pizzas Sold

```
SELECT SUM(quantity) AS "Total Pizza Sold" FROM pizza_sales;
```

Results		Messages
Total Pizza Sold		
1	49574	

#### 4. Total Orders

```
SELECT COUNT(DISTINCT order_id) AS "Total Orders" FROM pizza_sales;
```

Results		Messages
Total Orders		
1	21350	

#### 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 "Average Pizza per Ordered" FROM pizza_sales;
```

Results		Messages
Average Pizza per Ordered		
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);
```

	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. Monthly Trend for 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;
```

### Output

	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

## D. % of Sales by Pizza Category

```
SELECT pizza_category, CAST(SUM(total_price) * 100 / (SELECT
SUM(total_price) from pizza_sales) AS DECIMAL(10,2)) AS "Percentage of
Total (PCT)"
```

```
FROM pizza_sales
GROUP BY pizza_category
```

### Output

Results Messages		
	pizza_category	Percentage of Total (PCT)
1	Classic	26.91
2	Chicken	23.96
3	Veggie	23.68
4	Supreme	25.46

## E. % of Sales by Pizza Size

```
SELECT pizza_size, 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 Messages		
	pizza_size	PCT
1	L	45.89
2	M	30.49
3	S	21.77
4	XL	1.72
5	XXL	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 Messages		
	pizza_category	Total_Quantity_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

## G. 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
```

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

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

	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

## I. Top 5 Pizzas by Quantity

```
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

## J. Bottom 5 Pizzas by Quantity

```
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

	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 Soppresata Pizza	961

## K. Top 5 Pizzas by Total Orders

```
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. Borrom 5 Pizzas by Total Orders

```
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
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938