

PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

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

Result Grid	
	total_revenue
▶	817860.049999993

2. Average Order Value

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

Result Grid	
	avg_order_value
▶	38.307262295081635

3. Total Pizzas Sold

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

Result Grid	
	Total_pizza_sold
▶	49574

4. Total Orders

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

Result Grid	
	Total_Orders
▶	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 Avg_Pizzas_per_order  
FROM pizza_sales;
```

Result Grid	
	Avg_Pizzas_per_order
▶	2.32

B. Daily Trend for Total Orders

```
SELECT DAYNAME(order_date) AS order_day, COUNT(DISTINCT order_id) AS  
Total_Orders  
FROM pizza_sales  
GROUP BY DAYNAME(order_date)  
ORDER BY order_day;
```

Output:

Result Grid	Filter Rows:
order_day	total_orders
Sunday	2624
Monday	2794
Tuesday	2973
Wednesday	3024
Saturday	3158
Thursday	3239
Friday	3538

C. Monthly Trend for Orders

```
SELECT MONTHNAME(order_date) AS Month_Name, COUNT(DISTINCT order_id) AS  
Total_Orders  
FROM pizza_sales  
GROUP BY MONTHNAME(order_date)  
ORDER BY Total_Orders DESC;
```

Output

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

D. % of Sales by Pizza Category

```
SELECT pizza_category, ROUND(SUM(total_price),2) as total_revenue,  
ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) from  
pizza_sales),2) AS PCT  
FROM pizza_sales  
GROUP BY pizza_category;
```

Output

	pizza_category	total_revenue	PCT
▶	Classic	220053.1	26.91
	Veggie	193690.45	23.68
	Supreme	208197	25.46
	Chicken	195919.5	23.96

E. % of Sales by Pizza Size

```
SELECT pizza_size, ROUND(SUM(total_price) ,2) as total_revenue,  
ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) from pizza_sales)  
,2) AS PCT  
FROM pizza_sales  
GROUP BY pizza_size  
ORDER BY pizza_size;
```

Output

	pizza_size	total_revenue	PCT
▶	L	375318.7	45.89
	M	249382.25	30.49
	S	178076.5	21.77
	XL	14076	1.72
	XXL	1006.6	0.12

F. Total Pizzas Sold by Pizza Category

```
SELECT pizza_category, SUM(quantity) AS Total_Quantity_Sold,  
SUM(total_price) AS Total_Sales  
FROM pizza_sales  
GROUP BY pizza_category  
ORDER BY Total_Quantity_Sold DESC;
```

Output

	pizza_category	Total_Quantity_Sold	Total_Sales
▶	Classic	14888	220053.1000213623
	Supreme	11987	208196.99981307983
	Veggie	11649	193690.45100402832
	Chicken	11050	195919.5



G. Top 5 Pizzas by Revenue

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

	pizza_name	Total_Revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5
	The Classic Deluxe Pizza	38180.5
	The Spicy Italian Pizza	34831.25

H. Bottom 5 Pizzas by Revenue



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

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	Total_Revenue
▶	The Brie Carre Pizza	11588.499999999999
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.5
	The Spinach Pesto Pizza	15596

I. Top 5 Pizzas by Quantity

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

Output

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	Total_Pizza_Sold
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

J. Bottom 5 Pizzas by Quantity

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

Output

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

K. Top 5 Pizzas by 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;
```

	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

L. Borrom 5 Pizzas by Total Orders

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

Result Grid			Filter Rows:
	pizza_name	Total_Orders	
▶	The Brie Carre Pizza	480	
	The Mediterranean Pizza	912	
	The Calabrese Pizza	918	
	The Spinach Supreme Pizza	918	
	The Chicken Pesto Pizza	938	