

PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

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

Result Grid		Filter Rows:
	Total_Revenue	
	817860.0499999993	

2. Average Order Value

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

Result Grid		Filter Rows:
	Avg_order_Value	
	38.307262295081635	

3. Total Pizzas Sold

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

Result Grid		Filter Rows:
	Total_pizza_s...	
	49574	

4. Total Orders

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

Result Grid		Filter Rows:
	Total_...	
	21350	

5. Average Pizzas Per Order



```
SELECT ROUND(SUM(quantity)/COUNT(DISTINCT order_id,2) AS  
Average_Pizzas_Per_order  
FROM pizza_sales;
```

Result Grid		Filter Rows:
	Average_Pizzas_Per_ord...	
	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);
```



Output:

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

C. Monthly Trend for Orders

```
select MONTHNAME(MONTH, order_date) as Month_Name, COUNT(DISTINCT  
order_id) as total_orders  
from pizza_sales  
GROUP BY MONTHNAME(MONTH, order_date);
```

Output

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

D. % of Sales by Pizza Category

```
SELECT pizza_category, ROUND(SUM(total_price),2) as total_revenue,  
ROUND((SUM(total_price),2) * 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),2) * 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
	M	249382.25	30.49
	L	375318.7	45.89
	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
FROM pizza_sales
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

Output

Result Grid   Filter Rows: <input type="text"/>		
	pizza_category	Total_Quantity_S...
	Classic	14579
	Veggie	11449
	Supreme	11777
	Chicken	10815



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;
```

Result Grid   Filter Rows: <input type="text"/>		
	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" value="Search"/>		
	pizza_name	Total_Revenue
	The Brie Carre Pizza	11588.4999999999
	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" value="Search"/>		
	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

Result Grid   Filter Rows: <input type="text" value="Search"/>		
	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;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>		
	pizza_name	Total_...
	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: <input type="text" value="Search"/>		
	pizza_name	Total_...
	The Brie Carre Pizza	480
	The Mediterranean Pizza	912
	The Spinach Supreme Pizza	918
	The Calabrese Pizza	918
	The Chicken Pesto Pizza	938

NOTE

If you want to apply the pizza_category or pizza_size filters to the above queries you can use WHERE clause. Follow some of below examples

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