

#### **Oueries Solved**







2. Average Order Value

3. Total Pizzas Sold

4. Total Orders

5. Average Pizzas Per Order

**6. Daily Trend for Total Orders** 

7. Monthly Trend for Orders

8. Percentage of Sales by Pizza Category

9. Percentage of Sales by Pizza Size

**10. Total Pizzas Sold by Pizza Category** 

11. Top 5 Pizzas by Revenue

12. Bottom 5 Pizzas by Revenue

13. Top 5 Pizzas by Quantity

14. Bottom 5 Pizzas by Quantity

15. Top 5 Pizzas by Total Orders

16. Bottom 5 Pizzas by Total Orders



#### **Total Revenue**

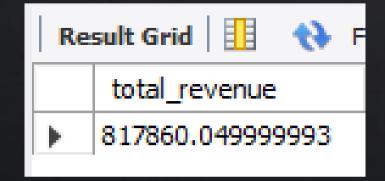
```
-- 1. Total Revenue:

SELECT

SUM(total_price) AS total_revenue

FROM

pizza_sales;
```





# **Average Order Value.**

```
-- 2. Average Order Value
SELECT
    SUM(total_price) / COUNT(DISTINCT order_id) AS avg_order_value
FROM
    pizza_sales;
```





#### **Total Pizzas Sold.**

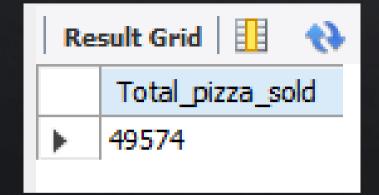
```
--- 3. Total Pizzas Sold

SELECT

SUM(quantity) AS Total_pizza_sold

FROM

pizza_sales;
```





#### **Total Orders**

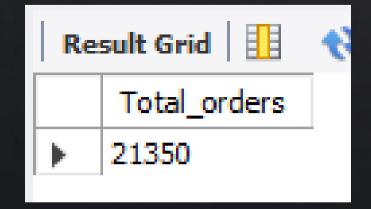
```
-- 4. Total Orders

SELECT

COUNT(DISTINCT order_id) AS Total_orders

FROM

pizza_sales;
```





# Average Pizzas per Order

```
-- 5. Average Pizzas Per Order

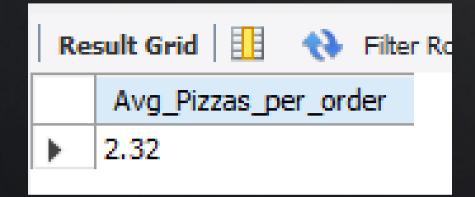
SELECT

ROUND(SUM(quantity) / COUNT(DISTINCT order_id),

2) AS Avg_pizza_per_order

FROM

pizza_sales;
```





# **Daily Trend for Total Orders**

```
-- 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);
```

Re	sult Grid   🔠	Filter Rows
	order_day	total_orders
•	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024



#### **Monthly Trend for Orders**

```
-- 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)
```

Re	sult Grid	Filter Rows:
	Month_Name	Total_Orders
<b>)</b>	April	1799
	August	1841
	December	1680
	February	1685
	January	1845
	July	1935
	June	1773
	March	1840
	May	1853
	November	1792
	October	1646
	September	1661



# **Percentage of Sales by Pizza Category**

```
-- Percentage 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
```

Result Grid Filter Rows:			
	pizza_category	total_revenue	PCT
<b>&gt;</b>	Classic	220053.10	26.91
	Veggie	193690.45	23.68
	Supreme	208197.00	25.46
	Chicken	195919.50	23.96



#### Percentage of Sales by Pizza Size

```
-- % 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;
```

Re	Result Grid			
	pizza_size	total_revenue	PCT	
•	L	375318.70	45.89	
	М	249382.25	30.49	
	S	178076.50	21.77	
	XL	14076.00	1.72	
	XXL	1006.60	0.12	
	,	2000100	0122	



# **Total Pizza Sold by Pizza Category**

```
-- 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
```

Re	Result Grid		
	pizza_category	Total_Quantity_Sold	
•	Classic	1178	
	Supreme	964	
	Veggie	944	
	Chicken	875	



# **Top 5 Pizzas by Revenue**

```
-- 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;
```

Re	Result Grid		
	pizza_name	Total_Revenue	
<b>&gt;</b>	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	



## **Bottom 5 Pizzas by Revenue**

```
-- Bottom 5 Pizzas by Revenue

SELECT pizza_name, ROUND(SUM(total_price),2) AS Total_Revenue

FROM pizza_sales

GROUP BY pizza_name

ORDER BY Total_Revenue ASC

LIMIT 5;
```

Res	Result Grid		
	pizza_name	Total_Revenue	
•	The Brie Carre Pizza	11588.5	
	The Green Garden Pizza	13955.75	
	The Spinach Supreme Pizza	15277.75	
	The Mediterranean Pizza	15360.5	
	The Spinach Pesto Pizza	15596	



## **Top 5 Pizzas by Quantity**

```
-- 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;
```

Res	Result Grid		
	pizza_name	Total_Pizza_Sold	
<b>•</b>	The Classic Deluxe Pizza	2453	
	The Barbecue Chicken Pizza	2432	
	The Hawaiian Pizza	2422	
	The Pepperoni Pizza	2418	
	The Thai Chicken Pizza	2371	



#### **Bottom 5 Pizzas by Quantity**

```
-- 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;
```

Re	Result Grid		
	pizza_name	Total_Pizza_Sold	
<b>)</b>	The Brie Carre Pizza	490	
	The Mediterranean Pizza	934	
	The Calabrese Pizza	937	
	The Spinach Supreme Pizza	950	
	The Soppressata Pizza	961	





#### **Top 5 Pizzas by Total Orders**

```
-- 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;
```

Re	Result Grid 🔠 🙌 Filter Rows:		
	pizza_name	Total_Orders	
<b>•</b>	The Classic Deluxe Pizza	2329	
	The Hawaiian Pizza	2280	
	The Pepperoni Pizza	2278	
	The Barbecue Chicken Pizza	2273	
	The Thai Chicken Pizza	2225	



## **Bottom 5 Pizzas by Total Orders**

```
-- Bottom 5 Pizzas by Total Orders

SELECT pizza_name, COUNT(DISTINCT order_id) AS Total_Orders

FROM pizza_sales

GROUP BY pizza_name

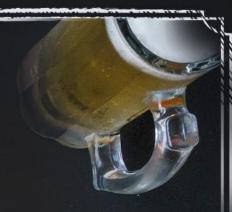
ORDER BY Total_Orders ASC

LIMIT 5;
```

Re	Result Grid		
	pizza_name	Total_Orders	
<b>&gt;</b>	The Brie Carre Pizza	480	
	The Mediterranean Pizza	912	
	The Calabrese Pizza	918	
	The Spinach Supreme Pizza	918	
	The Chicken Pesto Pizza	938	







# THANK YOU

Made by: Rishav Raj