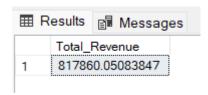
PIZZA SALES SQL QUERIES

A. KPI's

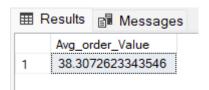
1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;



2. Average Order Valuetotbobo

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



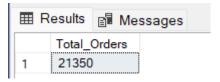
3. Total Pizzas Sold

SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales



4. Total Orders

SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales



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

	Results	Messages
	Avg_P	izzas_per_order
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)
Output:

⊞ Results		
order_day	total_orders	
Saturday	3158	
Wednesday	3024	
Monday	2794	
Sunday	2624	
Friday	3538	
Thursday	3239	
Tuesday	2973	
	order_day Saturday Wednesday Monday Sunday Friday Thursday	

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)Output



D. % 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
```

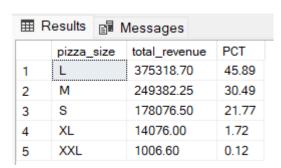
Output

III	Results		
	pizza_category	total_revenue	PCT
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

E. % 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

Output



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

⊞ F	Results	Mess	sages	
	pizza_	category	Total_	Quantity_Sold
1	Classi	С	1488	8
2	Supre	me	1198	7
3	Veggie	е	1164	9
4	Chicke	en	1105	0

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

Ⅲ F	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



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



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

	<u> </u>	
	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

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 Top 5 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
```