PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

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

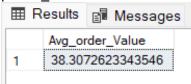
Results Messages

Total_Revenue

1 817860.05083847
```

2. Average Order Value

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



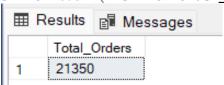
3. Total Pizzas Sold

SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales



4. Total Orders

SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales

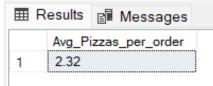


5. Average Pizzas Per Order

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

AS AVB_PIZZAS_per_C

FROM pizza_sales



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
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)

Output

<u>Output</u>	_	J
	Month_Name	Total_Orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

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

■ 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

■ Results				
	pizza_s	ize	total_revenue	PCT
1	L		375318.70	45.89
2	М		249382.25	30.49
3	S		178076.50	21.77
4	XL		14076.00	1.72
5	XXL		1006.60	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

math Results Messages pizza_category Total_Quantity_Sold Classic 14888 Supreme 11987 Veggie 11649 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

Ⅲ F	Results	Messages	
	pizza_name		Total_Revenue
1	The Th	nai Chicken Pizza	43434.25
2	The Ba	arbecue Chicken Pizz	a 42768
3	The Ca	alifornia Chicken Pizza	a 41409.5
4	The Cl	assic Deluxe Pizza	38180.5
5	The S	picy 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

■ Results			
	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 Soppressata 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

⊞ F	Results	™ Messages	
	pizza_	name	Total_Orders
1	The C	assic Deluxe Pizza	2329
2	The H	awaiian Pizza	2280
3	The Pe	epperoni Pizza	2278
4	The Ba	arbecue Chicken Piz	zza 2273
5	The Ti	nai Chicken Pizza	2225
_		iai omonomi izza	

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

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
```