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
FROM pizza_sales

Results Messages

Avg_Pizzas_per_order
1 2.32
```

B. Daily Trend for Total Orders

select

```
CASE EXTRACT(DOW FROM order_date)

WHEN 0 THEN 'Sun'

WHEN 1 THEN 'Mon'

WHEN 2 THEN 'Tue'

WHEN 3 THEN 'Wed'

WHEN 4 THEN 'Thu'

WHEN 5 THEN 'Fri'

WHEN 6 THEN 'Sat'

ELSE 'Unknown'

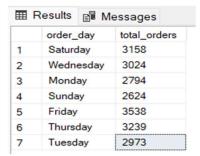
END as Order_Day,

count(distinct order_id) as Total_orders

from pizzo2

group by

Extract(DOW from order_date)
```



C. Monthly Trend for Orders

select EXTRACT('MONTH' FROM order_date) as Month_Name,

count(DISTINCT order_id) AS counting

from pizzo2

group by

EXTRACT('MONTH' FROM order_date)

order by counting DESC

	month_name numeric	counting bigint
1	7	1935
2	5	1853
3	1	1845
4	8	1841
5	3	1840
6	4	1799
7	11	1792
8	6	1773
9	2	1685

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
```

	Results 🗐 Mes	sages	
	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
```

III	Results 🖹		Messages	
	pizza_siz	е	total_revenue	PCT
1	L		375318.70	45.89
2	M		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 Extract(Month From order_date) = 2
GROUP BY pizza_category
ORDER BY Total Quantity Sold DESC
```

Ⅲ	Results 🗐 Me	ssages
	pizza_category	Total_Quantity_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	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
```

▦	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

	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

⊞	Results Messages	
	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

Ⅲ	Results Messages	
	pizza_name	Total_Orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Piz	zza 2273
5	The Thai Chicken Pizza	2225

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