PIZZA SALES SQL QUERIES

KPI's

1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;

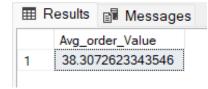
Results Messages

Total_Revenue

1 817860.05083847

2. Average Order Value

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



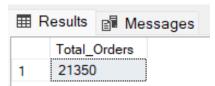
3. Total Pizzas Sold

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
```

Chart Requirements

NOTE:

This Daily Trends and monthly trends have been done in Microsoft SQL server because date column was not getting converted into date format.

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:

⊞R	Results 🗐 M	essages
	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

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

		•
	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

% of Sales by Pizza Category

```
SELECT pizza_category,
ROUND(SUM(total_price)) as total_sales,
CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales),2),"%") as percentage_of_total
FROM pizza_sales
GROUP BY pizza_category;
```

Re	sult Grid 📗 🐧	Filter Rows:	
	pizza_category	total_sales	percentage_of_total
	Classic	220053	26.91%
	Veggie	193690	23.68%
	Supreme	208197	25.46%
	Chicken	195920	23.96%

% of Sales by Pizza Size

```
SELECT pizza_size,
ROUND(SUM(total_price)) as total_sales,
CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales),2),"%") as percentage_of_total
FROM pizza_sales
GROUP BY pizza_size;
ORDER By pizza_size;
```

Output

	pizza_size	total_sales	percentage_of_total
•	M	249382	30.49%
	L	375319	45.89%
	S	178076	21.77%
	XL	14076	1.72%
	XXL	1007	0.12%

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	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

Top 5 Pizzas by Revenue

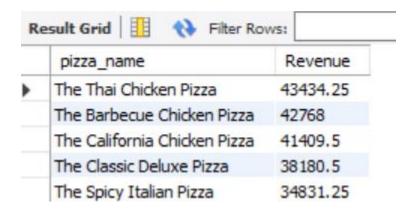
```
SELECT pizza_name, SUM(total_price) as Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY Revenue DESC

LIMIT 5;
```

Output



Bottom 5 Pizzas by Revenue

```
SELECT pizza_name, ROUND(SUM(total_price),2) AS Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY Revenue ASC

LIMIT 5;
```

Output



Top 5 Pizzas by Quantity

```
SELECT pizza_name, ROUND(SUM(quantity),2) as
total_quantity FROM pizza_sales
GROUP BY pizza_name
ORDER BY total_quantity DESC
LIMIT 5;
```

Re	esult Grid 1		
	pizza_name	total_quantity	
٠	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

```
SELECT pizza_name, ROUND(SUM(quantity),2) AS total_quantity FROM pizza_sales
GROUP BY pizza_name
ORDER BY total_quantity ASC
LIMIT 5;
```

<u>Output</u>

⊞R	esults 🗐 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

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
```

1 T	zza_name he Classic Deluxe Pizz	Total_Orders a 2329
		a 2329
2 T		
_	ne Hawaiian Pizza	2280
3 T	ne Pepperoni Pizza	2278
4 T	he Barbecue Chicken F	Pizza 2273
5 T	he Thai Chicken Pizza	2225

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
```

	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 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
```