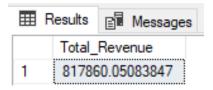
PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

SELECT SUM(total price) AS Total Revenue FROM pizza sales;

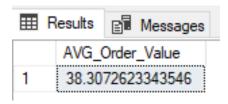
OUTPUT:



2. Average Order Value:

SELECT SUM(total_price) / COUNT(DISTINCT order_id) AS AVG_Order_Value
FROM pizza sales;

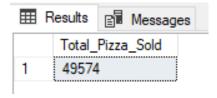
OUTPUT:



3.Total Pizza Sold:

SELECT SUM(quantity) AS Total_Pizza_Sold FROM pizza_sales;

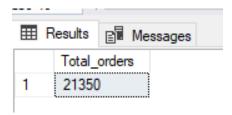
OUTPUT:



4.Total Orders:

SELECT COUNT(DISTINCT order_id) AS Total_orders FROM pizza_sales;

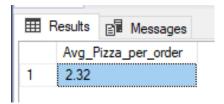
OUTPUT:



5.Average Pizza Per Order:

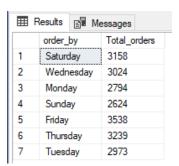
```
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2))/
CAST(COUNT(DISTINCT order_id)AS DECIMAL(10,2))AS DECIMAL(10,2))AS
Avg_Pizza_per_order
FROM pizza sales;
```

OUTPUT:



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);
```



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)
ORDER BY Total_orders DESC;
```

OUTPUT:

■ Results ■ Messages				
	Month_name	Total_orders		
1	1 July 1935			
2	2 May 1853			
3	January	1845		
4	August	1841		
5	March	1840		
6	April	1799		
7	November	1792		
8	June	1773		
9	February	1685		
10	December	1680		
11	September	1661		
12	October	1646		

D. % of Sales by Pizza Category:

```
SELECT pizza_category, SUM(total_price)*100 /
(SELECT SUM(total_price) FROM pizza_sales) AS PTC
FROM pizza_sales
GROUP BY pizza_category;
```

OUTPUT:

	pizza_category	PTC
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

E. % of Sales by Pizza Size:

```
SELECT pizza_size, CAST(SUM (total_price) AS DECIMAL(10,2))AS
total_sales,
CAST(SUM(total_price)*100 /
```

```
(SELECT SUM(total_price) FROM pizza_sales) AS DECIMAL (10,2)) AS PTC
FROM pizza_sales
GROUP BY Pizza_size
ORDER BY PTC DESC;
```

OUTPUT:

pizza_size	total_sales	PTC		
L	375318.70	45.89		
M	249382.25	30.49		
S	178076.50	21.77		
XL	14076.00	1.72		
XXL	1006.60	0.12		
	pizza_size L M S XL	pizza_size total_sales L 375318.70 M 249382.25 S 178076.50 XL 14076.00		

F. 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;
```

OUTPUT:



G. 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;
```

Ⅲ Results ☐ Messages			
	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	

H. Top 5 Pizzas by quantity:

```
SELECT TOP 5 pizza_name, SUM(quantity) AS total_quantity
FROM pizza_sales
GROUP BY pizza_name
ORDER BY total_quantity DESC;
```

OUTPUT:

	pizza_name	total_quantity
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

I. Bottom 5 Pizzas by quantity:

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

	pizza_name	total_quantity
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

J.TOP 5 Pizzas by 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;
```

OUTPUT:

	pizza_name	total_orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

K. Bottom 5 Pizzas by 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