

PIZZA SALES SQL QUERIES

A.KPI

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 [Average Order Value]  
FROM pizza_sales;
```

Results		Messages
Average Order Value		
1	38.3072623343546	

3.Total Pizzas Sold

```
SELECT SUM(quantity) AS [Total Pizzas Sold] FROM pizza_sales;
```

Results		Messages
Total Pizzas Sold		
1	49574	

4.Total Orders

```
SELECT SUM(DISTINCT order_id) AS [Total Orders] FROM pizza_sales;
```

Results		Messages
Total Orders		
1	227921925	

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 [Average Pizza Per Order] FROM pizza_sales;
```

Results		Messages
Average Pizza Per Order		
1	2.32	

B.Daily Trend For Orders

```
SELECT DATENAME(DW,order_date) AS [Days],COUNT(DISTINCT order_id)
AS [Total_Orders]
FROM PIZZA_SALES GROUP BY DATENAME(DW,order_date);
```

	Days	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(MM,order_date) AS [Days],COUNT(DISTINCT order_id)
AS [Total Orders] FROM PIZZA_SALES GROUP BY DATENAME(MM,order_date);
```

	Days	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.% 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
ORDER BY pizza_category;
```

	pizza_category	Total Revenue	PCT
1	Chicken	195919.50	23.96
2	Classic	220053.10	26.91
3	Supreme	208197.00	25.46
4	Veggie	193690.45	23.68

E.% 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;
```

	pizza_size	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 Sales] from pizza_sales
GROUP BY pizza_category ORDER BY [Total Quantity Sales]
```

	pizza_category	Total Quantity Sales
1	Chicken	11050
2	Veggie	11649
3	Supreme	11987
4	Classic	14888

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]
```

	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.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] DESC;
```

	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

I. Top 5 Pizzas by Quantity

```
SELECT TOP 5 pizza_name ,SUM(quantity) as [Total Pizzas Sold]
FROM pizza_sales GROUP BY pizza_name ORDER BY [Total Pizzas Sold] ASC;
```

	pizza_name	Total Pizzas 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

J. Bottom 5 Pizzas by Quantity

```
SELECT TOP 5 pizza_name ,SUM(quantity) as [Total Pizzas Sold]
FROM pizza_sales GROUP BY pizza_name ORDER BY [Total Pizzas Sold] DESC;
```

	pizza_name	Total Pizzas 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

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] 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

L.Bottom 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;
```

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 Pizza	2273
5	The Thai Chicken Pizza	2225