

Pizza Sales : SQL Qauries

A. KPI's

1. Total Revenue:

```
select sum(total_price) as Total_Revenue from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Revenue	
▶	817860.049999993	

2. Average Order Value

```
select sum(total_price)/count(distinct order_id) as Avg_Order_Value  
from pizza_sales;
```

Result Grid		Filter Rows:
	Avg_Order_Value	
▶	38.307262295081635	

3. Total_Pizza_Sold:

```
select sum(quantity) as Total_Pizza_Sold from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Pizza_Sold	
▶	49574	

4. Total_Orders:

```
select count(distinct order_id) as Total_Orders from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Orders	
▶	21350	

5. Total Revenue:

```
select sum(total_price) as Total_Revenue from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Revenue	
▶	817860.0499999993	

6. Avg_Pizza_Sold_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_Sold_per_Order from pizza_sales;
```

Result Grid		Filter Rows:
	Avg_Pizza_Sold_per_Order	
▶	2.32	

7. Daily_trend_of_total_order:

```
select DATENAME (DW, order_date) as order_day,
COUNT(distinct order_id) AS Total_orders
from pizza_sales GROUP BY DATENAME (DW, order_date);
```

	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

8.Monthly_trend_of_total_order:

```
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;
```

	Month_Name	Total_Orders
1	July	1935
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

9. Percentage_of_sales_by_pizza_category :

```
SELECT pizza_category, sum(total_price) as Total_sales, sum
(total_price) * 100 / (SELECT sum(total_price) from pizza_sales)
AS PCT from pizza_sales GROUP BY pizza_category;
```

	pizza_category	Total_Sales	PCT
1	Classic	220053.100021362	26.9059602306976
2	Chicken	195919.5	23.9551375322885
3	Veggie	193690.451004028	23.6825910258677
4	Supreme	208196.99981308	25.4563112111462


10. Percentage_of_sales_by_pizza_category_january :

```
SELECT pizza_category, sum(total_price) as Total_Sales,
sum(total_price) * 100 / (SELECT sum(total_price) from
pizza_sales WHERE MONTH(order_date) = 1) AS PCT from
pizza_sales WHERE MONTH(order_date)=GROUP BY
pizza_category;
```

	pizza_category	Total_Sales	PCT
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897861985821

11. Total_Pizza_Sold_By_Pizza_Category:

```
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 PCT
from pizza_sales GROUP BY pizza_size ORDER BY PCT DESC;
```

Result Grid  Filter Rows: <input type="text"/>			
	pizza_size	Total_Sales	PCT
▶	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

12.Top_5_Best_Seller_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

13. Bottom_5_Best_Seller_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

14.Top_5_Best_Seller_by_qauntity:

```
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_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

15. Bottom_5_Best_Seller_by_qauntity:

```
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_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