

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 Ave_Ord_value from pizza_sales
```

Results		Messages	
	Ave_Ord_value		
1	38.3072623343546		

3.) Total Pizza Sold

```
SELECT SUM(quantity) AS Total_Pizza_Sold from pizza_sales
```

Results		Messages	
	Total_Pizza_Sold		
1	49574		

4.) Total Order Placed

```
SELECT COUNT(DISTINCT order_id) AS Total_Orders from pizza_sales
```

Results		Messages	
	Total_Orders		
1	21350		

5.) Average Pizza Per Orders

```
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
```

Results		Messages	
	Avg_Pizza_Per_Order		
1	2.32		

6.) 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)
```

	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

7.) Monthly Trends For Total 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
```

	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

8.) Percentage of Sales By Pizza Category

```
SELECT pizza_category , sum(total_price) * 100 / (SELECT sum(total_price) from
pizza_sales) AS Total_Sales from pizza_sales
GROUP BY pizza_category
```

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

9.) Precentage of Sales by Pizza Size

```
SELECT pizza_size, sum(total_price) 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
```

	pizza_size	Total_Sales	PCT
1	L	375318.701004028	45.89
2	M	249382.25	30.49
3	S	178076.49981308	21.77
4	XL	14076	1.72
5	XXL	1006.6000213623	0.12

10.) Top 5 Best Sellers by Revenue

```
SELECT TOP 5 pizza_name, sum(total_price) AS Total_Revenu FROM pizza_sales  
GROUP BY pizza_name  
ORDER BY Total_Revenu DESC
```

	pizza_name	Total_Revenu
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

11).Botton 5 Best sellers by Revenu

```
SELECT TOP 5 pizza_name, sum(total_price) AS Total_Revenu FROM pizza_sales  
GROUP BY pizza_name  
ORDER BY Total_Revenu ASC
```

	pizza_name	Total_Revenu
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

12).Top 5 Best Sellers by Quantity

```
SELECT TOP 5 pizza_name, sum(quantity) AS Total_Quantity FROM pizza_sales  
GROUP BY pizza_name  
ORDER BY Total_Quantity DESC
```

Results Messages		
	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

13).Bottom 5 Best Sellers by Quantity

```
SELECT TOP 5 pizza_name, sum(quantity) AS Total_Quantity FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Quantity ASC
```

Results Messages		
	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

14.) Top 5 Best Sellers By Orders

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Order FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Order DESC
```

Results Messages		
	pizza_name	Total_Order
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

15).Bottom 5 Sellers By Orders

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Order FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Order ASC
```

Results Messages		
	pizza_name	Total_Order
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

