PIZZA SALES SQL QUERIES

PART A. KPI's

1. **Total Revenue:**

```
SQLQuery1.sql - S...DUDEEN\16056 (62))*  ⌐ ×
       --Select * FROM pizza_sales

     SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;
```

```
100 %    ▼  ◄
⊞ Results  ▦ Messages
     Total_Revenue
1    817860.05083847
```

2. **Average Order Value:**

```
⊟SELECT * FROM pizza_sales

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

```
100 %    ▼  ◄
⊞ Results  ▦ Messages
     Avg_order_Value
1    38.3072623343546
```

3. **Total Pizza Sold:**

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

⊟SELECT * FROM pizza_sales

 SELECT SUM(quantity) AS Total_Pizza_Sold FROM pizza_sales;
```

```
100 %    ▼  ◄
⊞ Results  ▦ Messages
     Total_Pizza_Sold
1    49574
```

4. Total Orders:

```sql
SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales
```

100 %

▦ Results ▥ Messages

	Total_Orders
1	21350

5. Average Pizzas per Order

```sql
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;
```

00 %

▦ Results ▥ Messages

	Avg_pizza_per_order
1	2.32

PART B .
Daily Trend for Total Orders

```sql
SELECT DATENAME(DW, order_date) AS order_day, COUNT(DISTINCT order_id) AS Total_orders from pizza_sales
GROUP BY DATENAME(DW, order_date);
```

100 %

▦ Results ▥ Messages

	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

C. Monthly Trend for Orders

```sql
SELECT DATENAME(MONTH, order_date) AS Month_Name, COUNT(DISTINCT order_id) AS Total_Order FROM pizza_sales
    GROUP BY DATENAME(MONTH, order_date);
```

	Month_Name	Total_Order
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. % of Sales per Pizza Category

```sql
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

E. % of Sales per Pizza Size

```sql
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 WHERE DATEPART(quarter, order_date) = 1) AS DECIMAL (10,2))
    AS PCT
    FROM pizza_sales
    WHERE DATEPART(quarter, order_date) = 1
    GROUP BY pizza_Size
    ORDER BY PCT DESC
```

	pizza_size	Total_Sales	PCT
1	L	95229.65	46.37
2	M	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

F. Total Pizza Sold by Category

```sql
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
```

	pizza_category	Total_Quantity_sold
1	Classic	1178
2	Supreme	964
3	Veggie	944
4	Chicken	875

G. Top 5 Pizzas Revenue

```sql
SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue DESC
```

100 %

Results | Messages

	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

H. Bottom 5 Pizzas Revenue

```sql
--ORDER BY PCT DESC

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

00 %

Results | Messages

	pizza_name	Total_Revenue
	The Brie Carre Pizza	11588.4998130798
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.5
	The Spinach Pesto Pizza	15596

I . Top 5 Pizzas by Quantity

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

100 %

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

J. Bottom 5 Pizzas by Quantity

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

100 %

Results | 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

K. Top 5 Pizzas by Total Order

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

100 %

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

L. Bottom 5 Pizzas by Total Orders

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

100 %

Results | Messages

	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