PIZZA SALES SQL QUERIES:

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Q1: Calculate the average order value:

```
SELECT SUM (total_price) / COUNT (DISTINCT order_id) as Avg_Order_Value from pizza_sales
```

Output:

Avg_Order_Value
38.3072623343546

Q2: Calculate the total pizzas sold:

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

Output:

Total_Pizza_Sold
49574

Q3. Determine total orders placed:

```
SELECT COUNT (DISTINCT order_id) as Total_orders from pizza_sales
```

Output:

Total_orders
21350

Q4: Determine average pizzas 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:

Avg_pizza_per_order
2.32

Q5. Observe Daily Trends 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)

Output:

	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

Q6. Observe 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)

Output:

	Month_Name	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

Q7: Total Orders placed Monthly in descending 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
```

Output:

	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

Q8. Determine 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) WHERE MONTH order_date) =1) AS PCT
From pizza_sales
WHERE MONTH (order_date) = 1
GROUP BY pizza_category
```

Output:

	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	25.6897867985821

Q9. Top 5 Best Sellers 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:

	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