

PIZZA SALES SQL QUERIES

1. Total Revenue:

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

The screenshot shows the SQL Server Management Studio interface with a results grid. The grid has one column labeled 'Total_Revenue' and one row with value '817860.05083847'. The status bar at the top right indicates 'No issues found'.

	Total_Revenue
1	817860.05083847

2. Average Order Value:

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

The screenshot shows the SQL Server Management Studio interface with a results grid. The grid has one column labeled 'Avg_Order_Value' and one row with value '38.3072623343546'. The status bar at the top right indicates 'No issues found'.

	Avg_Order_Value
1	38.3072623343546

3. Total Pizzas Sold:

```
SELECT SUM(quantity) AS Total_pizzas_Sold FROM pizza_sales
```

The screenshot shows the SQL Server Management Studio interface with a results grid. The grid has one column labeled 'Total_pizzas_Sold' and one row with value '49574'. The status bar at the top right indicates 'No issues found'.

	Total_pizzas_Sold
1	49574

4. Total Orders:

```
SELECT COUNT(DISTINCT order_id) AS Total_orders FROM pizza_sales
```

The screenshot shows a SQL query results window. At the top, it says "100 %" and "No issues found". Below that is a toolbar with "Results" and "Messages" tabs, where "Results" is selected. The results table has one column labeled "Total_orders" with one row containing the value "21350".

	Total_orders
1	21350

5. 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
```

The screenshot shows a SQL query results window. At the top, it says "100 %" and "No issues found". Below that is a toolbar with "Results" and "Messages" tabs, where "Results" is selected. The results table has one column labeled "Avg_pizza_per_order" with one row containing the value "2.32".

	Avg_pizza_per_order
1	2.32

6. Daily Trend:

```
SELECT DATENAME(dw,order_date) AS order_day,  
COUNT(DISTINCT order_id) AS Total_orders FROM pizza_sales  
GROUP BY DATENAME(dw, order_date)
```

The screenshot shows a SQL query results window. At the top, it says "100 %" and "No issues found". Below that is a toolbar with "Results" and "Messages" tabs, where "Results" is selected. The results table has two columns: "order_day" and "Total_orders". The data shows the number of orders for each day of the week.

	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. Hourly Trend:

```
SELECT DATEPART(HOUR, order_time) AS order_hours,  
COUNT(DISTINCT order_id) AS Total_orders FROM pizza_sales  
GROUP BY DATEPART(HOUR, order_time)  
ORDER BY DATEPART(HOUR, order_time)
```

The screenshot shows the SQL Server Management Studio interface with a results grid. The title bar says "100 % No issues found". The results tab is selected, showing a table with two columns: "order_hours" and "Total_orders". The data shows the number of orders per hour from 9 to 23, with the value for hour 16 highlighted.

	order_hours	Total_orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

8. Percentage of sales by pizza category(month wise):

```
SELECT * FROM pizza_sales  
SELECT pizza_category, SUM(total_price)*100/(SELECT  
SUM(total_price) FROM pizza_sales WHERE MONTH(order_date)  
= 1) AS Total_Sales FROM pizza_sales  
WHERE MONTH(order_date) = 1  
GROUP BY pizza_category
```

The screenshot shows the SQL Server Management Studio interface with a results grid. The title bar says "100 % No issues found". The results tab is selected, showing a table with two columns: "pizza_category" and "Total_Sales". The data shows the percentage of sales for four categories: Classic, Chicken, Veggie, and Supreme.

	pizza_category	Total_Sales
1	Classic	26.6779189176038
2	Chicken	23.1952780348435
3	Veggie	24.4370162489706
4	Supreme	25.6897867985821

9. Percentage of Sales by Pizza Size:

```
SELECT * FROM pizza_sales
SELECT pizza_size, SUM(total_price)*100/(SELECT
SUM(total_price) FROM pizza_sales WHERE
DATEPART(quarter,order_date) = 1) AS Total_Sales FROM
pizza_sales
WHERE DATEPART(quarter,order_date) = 1
GROUP BY pizza_size
ORDER BY pizza_size DESC
```

100 % No issues found

Results Messages

	pizza_size	Total_Sales
1	XXL	0.140053569905847
2	XL	1.60189919481248
3	S	22.1009252031566
4	M	29.7828098056046
5	L	46.3743122265205

10. Total Pizza Sold by Pizza Category:

```
SELECT * FROM pizza_sales
SELECT pizza_category, SUM(quantity) AS Quantity FROM
pizza_sales
GROUP BY pizza_category
```

100 % No issues found

Results Messages

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

11. TOP 5 BEST SELLERS:

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

The screenshot shows a SQL query results window with a light gray background. At the top, there is a status bar with "100 %" and a green checkmark icon followed by the text "No issues found". Below the status bar are two tabs: "Results" (which is selected) and "Messages". The main area is a table with the following data:

	pizza_name	Quantity_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

12. BOTTOM 5 SELLERS:

```
SELECT * FROM pizza_sales
SELECT TOP 5 pizza_name, SUM(quantity) AS Quantity_sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY SUM(quantity)
```

The screenshot shows a SQL query results window with a light gray background. At the top, there is a status bar with "100 %" and a green checkmark icon followed by the text "No issues found". Below the status bar are two tabs: "Results" (selected) and "Messages". The main area is a table with the following data:

	pizza_name	Quantity_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