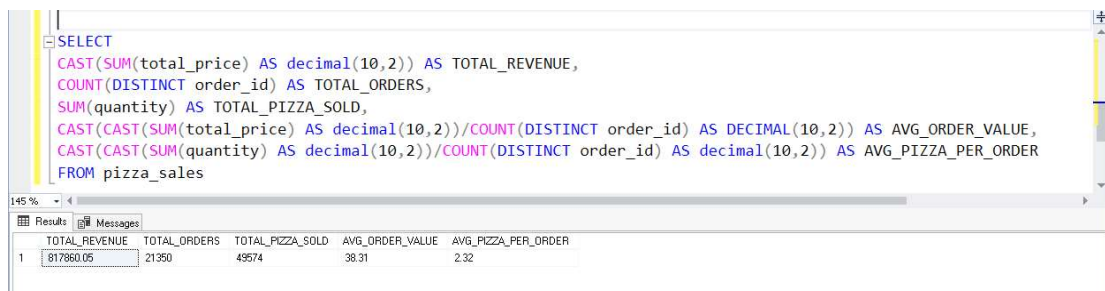


PIZZA SALES REPORT, SQL QUERIES

1) SQL query for total revenue, total orders, average order value, and average pizza per order.

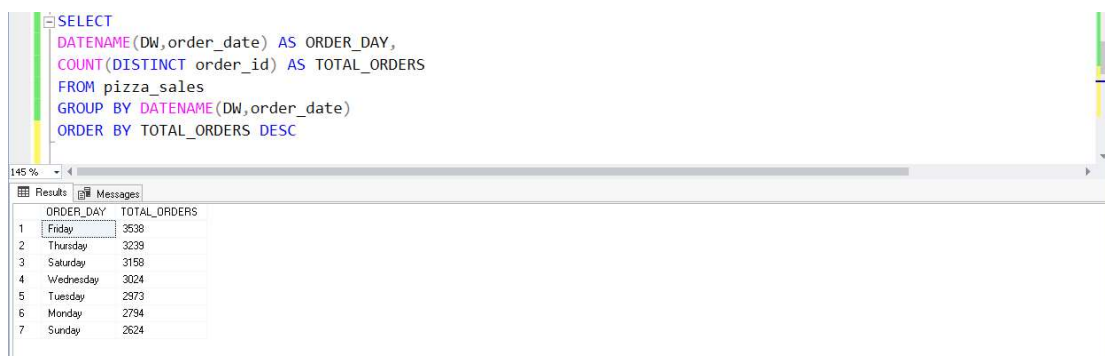


The screenshot shows a SQL query in a text editor and its results in a table. The query calculates total revenue, total orders, total pizzas sold, average order value, and average pizzas per order from the pizza_sales table. The results table has five columns: TOTAL_REVENUE, TOTAL_ORDERS, TOTAL_PIZZA_SOLD, AVG_ORDER_VALUE, and AVG_PIZZA_PER_ORDER. The first row shows values: 817860.05, 21350, 49574, 38.31, and 2.32.

```
SELECT
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS,
SUM(quantity) AS TOTAL_PIZZA_SOLD,
CAST(CAST(SUM(total_price) AS decimal(10,2))/COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS AVG_ORDER_VALUE,
CAST(CAST(SUM(quantity) AS decimal(10,2))/COUNT(DISTINCT order_id) AS decimal(10,2)) AS AVG_PIZZA_PER_ORDER
FROM pizza_sales
```

	TOTAL_REVENUE	TOTAL_ORDERS	TOTAL_PIZZA_SOLD	AVG_ORDER_VALUE	AVG_PIZZA_PER_ORDER
1	817860.05	21350	49574	38.31	2.32

2) Daily total orders

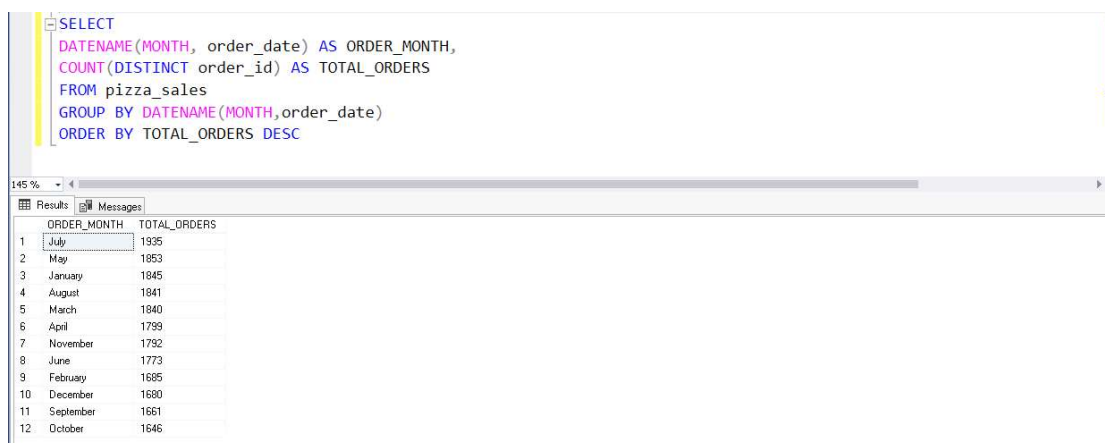


The screenshot shows a SQL query in a text editor and its results in a table. The query groups orders by day of the week (ORDER_DAY) and counts the total orders for each day. The results table has two columns: ORDER_DAY and TOTAL_ORDERS. The data is ordered by total orders in descending order.

```
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 BY TOTAL_ORDERS DESC
```

ORDER_DAY	TOTAL_ORDERS
Friday	3538
Thursday	3239
Saturday	3158
Wednesday	3024
Tuesday	2973
Monday	2794
Sunday	2624

3) Monthly total orders



The screenshot shows a SQL query in a text editor and its results in a table. The query groups orders by month (ORDER_MONTH) and counts the total orders for each month. The results table has two columns: ORDER_MONTH and TOTAL_ORDERS. The data is ordered by total orders in descending order.

```
SELECT
DATENAME(MONTH, order_date) AS ORDER_MONTH,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS
FROM pizza_sales
GROUP BY DATENAME(MONTH,order_date)
ORDER BY TOTAL_ORDERS DESC
```

ORDER_MONTH	TOTAL_ORDERS
July	1935
May	1853
January	1845
August	1841
March	1840
April	1799
November	1792
June	1773
February	1685
December	1680
September	1661
October	1646

4) Pizza categories with total revenue

```
SELECT
pizza_category,
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
CAST(CAST(100*SUM(total_price) AS decimal(10,2))/(SELECT SUM(total_price) FROM pizza_sales)
AS decimal(10,2)) AS '% OF REVENUE'
FROM pizza_sales
GROUP BY pizza_category
ORDER BY '% OF REVENUE' DESC
```

	pizza_category	TOTAL_REVENUE	% OF REVENUE
1	Classic	220053.10	26.91
2	Supreme	208197.00	25.46
3	Chicken	195919.50	23.96
4	Veggie	193690.45	23.68

5) Pizza sizes with total revenue

```
SELECT
pizza_size,
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
CAST(CAST(100*SUM(total_price) AS decimal(10,2))/(SELECT SUM(total_price) FROM pizza_sales)
AS decimal(10,2)) AS '% OF REVENUE'
FROM pizza_sales
GROUP BY pizza_size
ORDER BY '% OF REVENUE' DESC
```

	pizza_size	TOTAL_REVENUE	% OF REVENUE
1	L	375318.70	45.89
2	M	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

6) Pizza categories with total pizza sold

```
SELECT
pizza_category,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_category
ORDER BY 'Total Pizza Sold' DESC
```

	pizza_category	Total Pizza Sold
1	Classic	14898
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

7) Top 5 pizza preferred with total 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

8) 5 Least selected pizza with total revenue

```
SELECT
TOP 5
pizza_name,
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE
FROM pizza_sales
GROUP BY pizza_name
ORDER BY TOTAL_REVENUE ASC
```

	pizza_name	TOTAL_REVENUE
1	The Brie Carré Pizza	11588.50
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.50
5	The Spinach Pesto Pizza	15596.00

9) Top 5 pizza preferred with total orders

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

	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

10) 5 Least selected pizza with total orders

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

	pizza_name	TOTAL_ORDERS
1	The Brie Carré Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938

11) Top 5 pizza with quantities

```
SELECT
TOP 5
pizza_name,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_name
ORDER BY 'Total Pizza Sold' DESC
```

	pizza_name	Total Pizza 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 pizza with quantities

```
SELECT
TOP 5
pizza_name,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_name
ORDER BY 'Total Pizza Sold' ASC
```

	pizza_name	Total Pizza Sold
1	The Brie Carré Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppresata Pizza	961