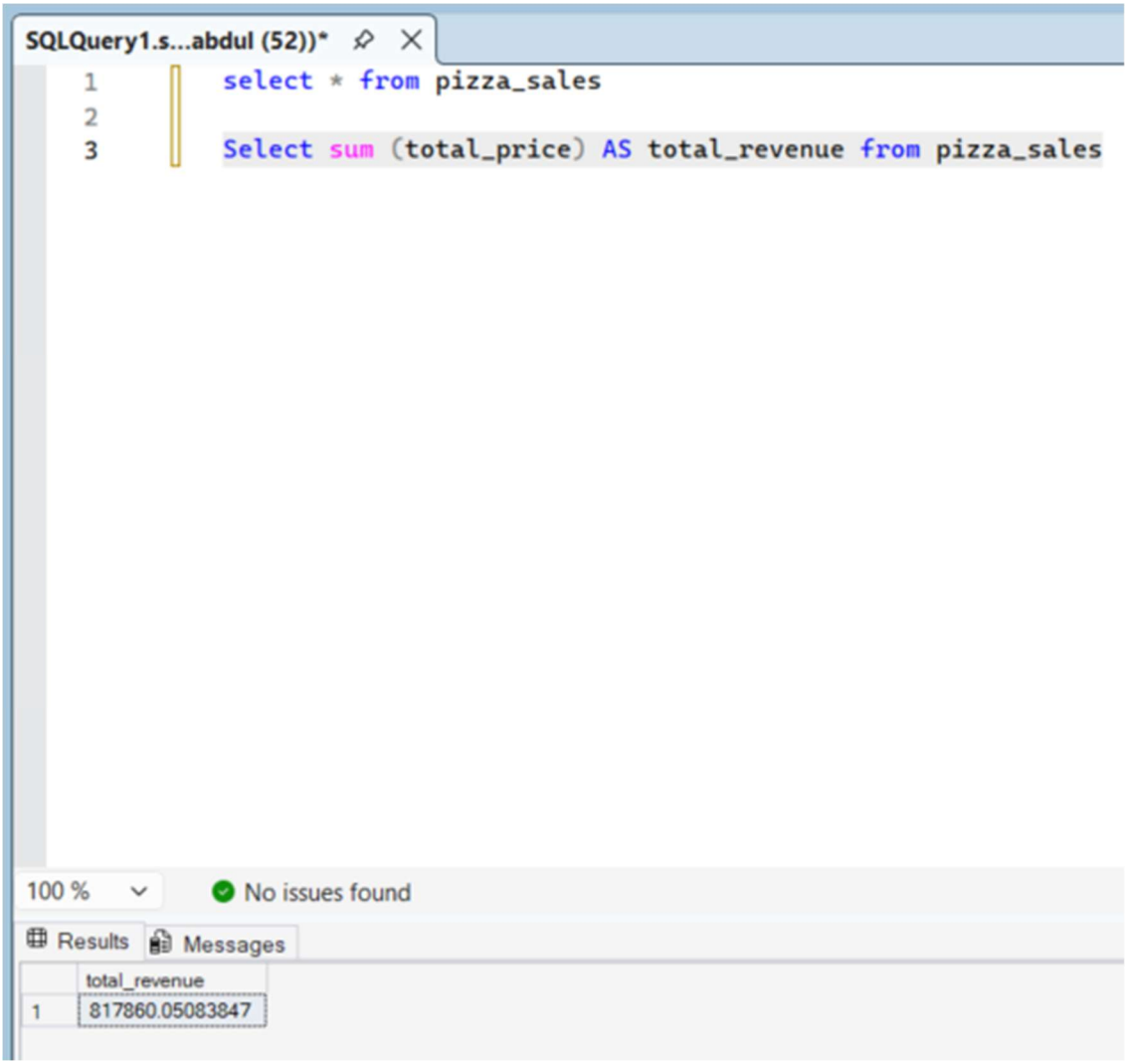
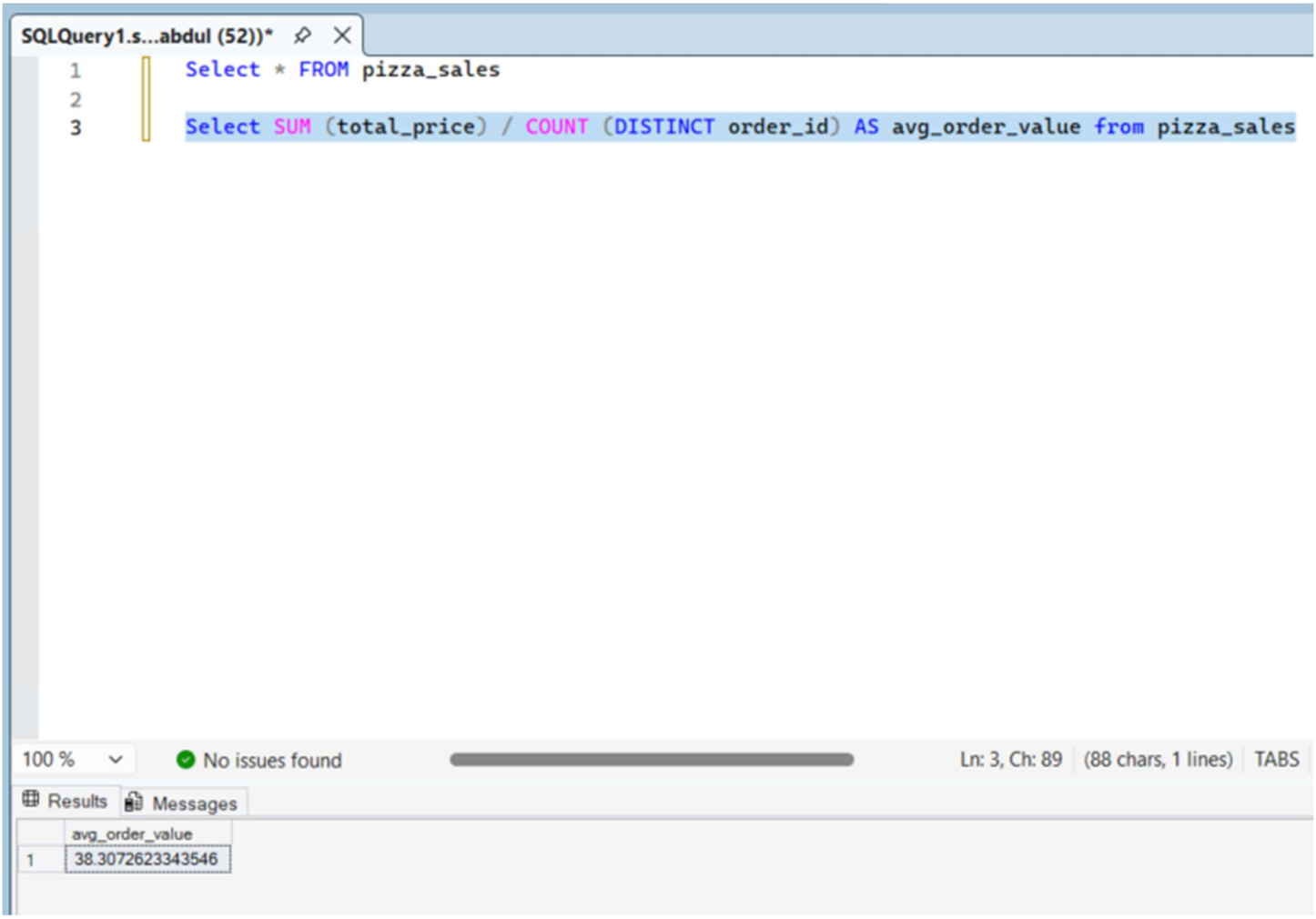
Pizza Sales SQL Queries

A. KPI

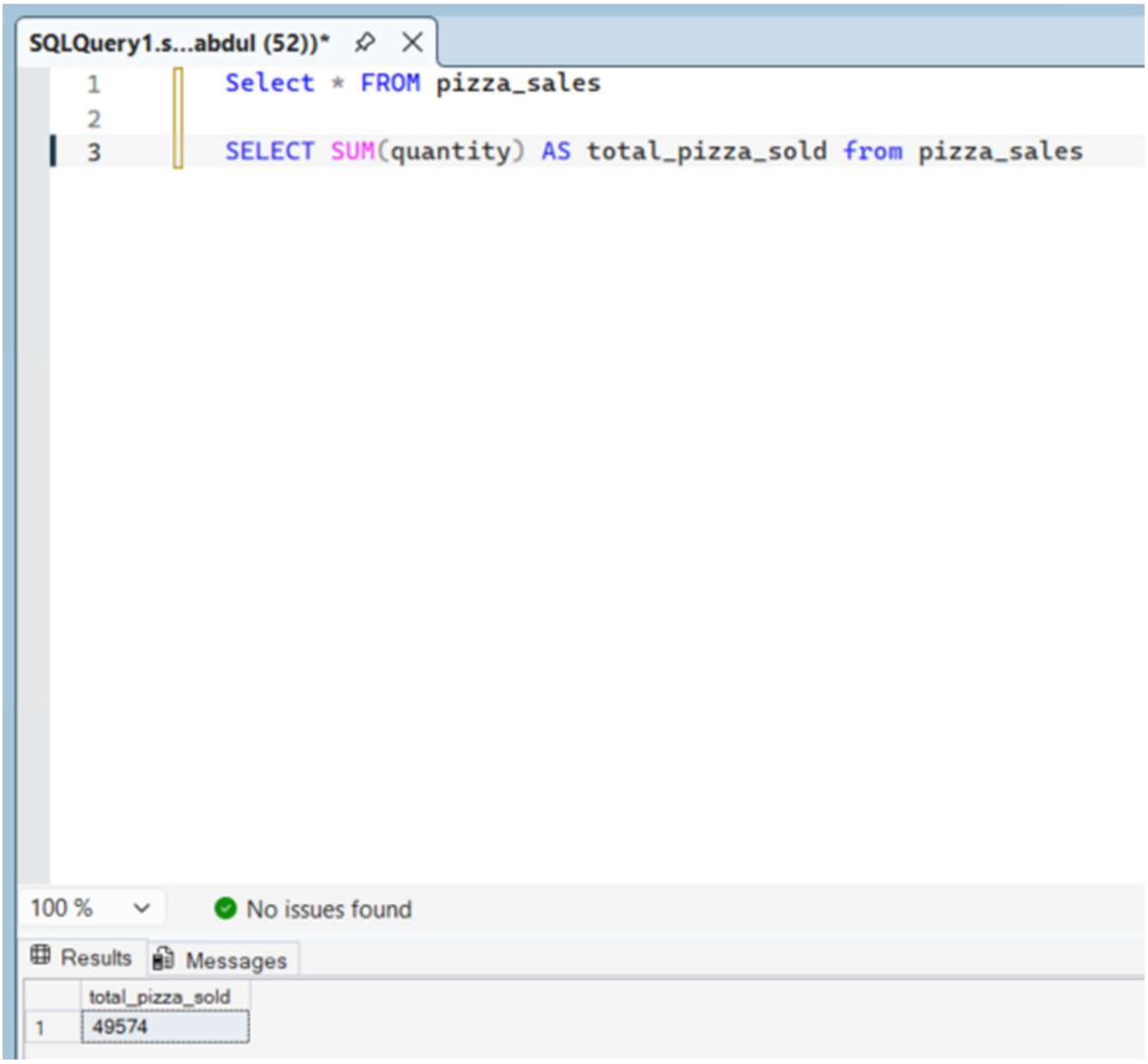
1. Total Revenue:



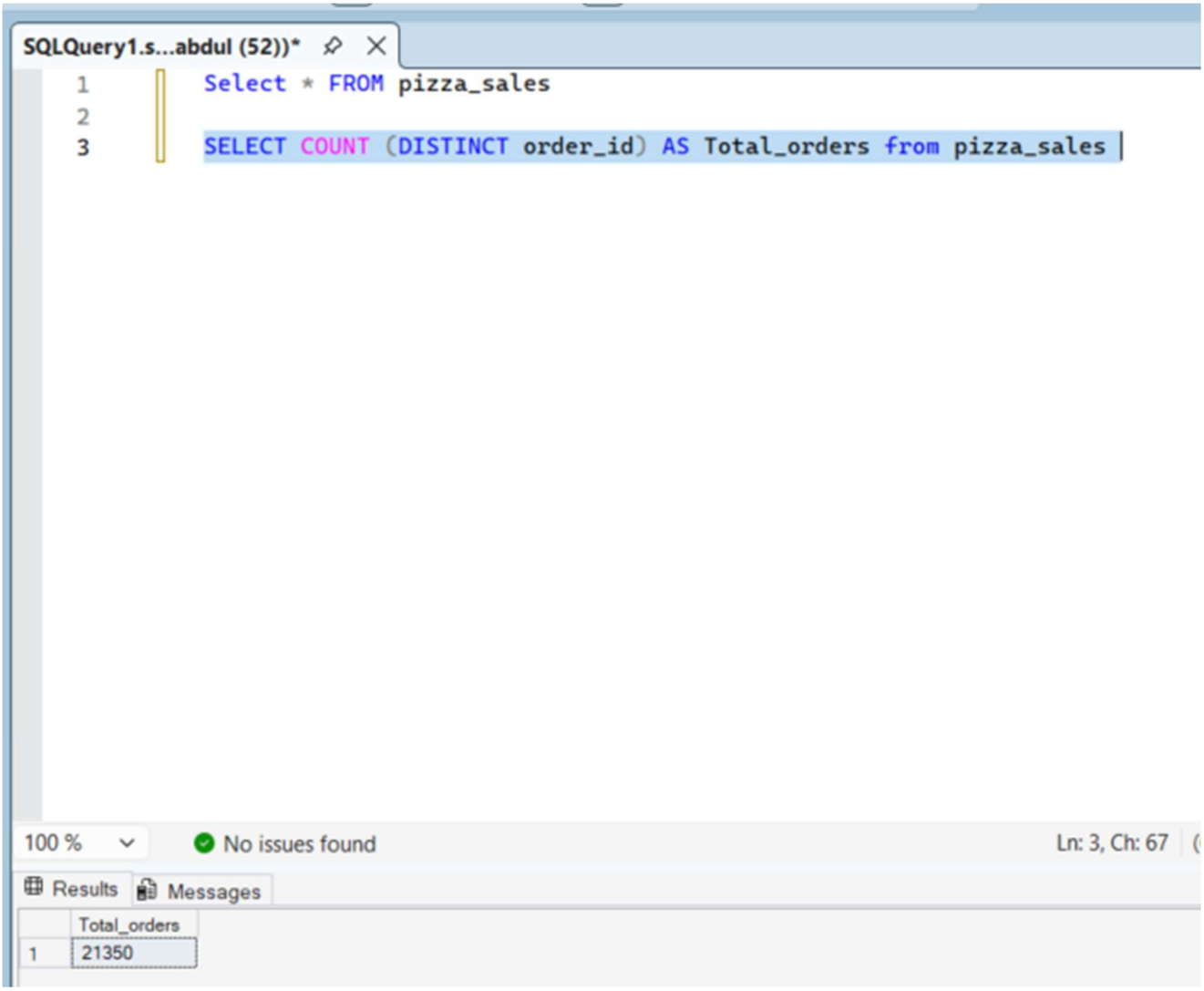
2. Average Order Value



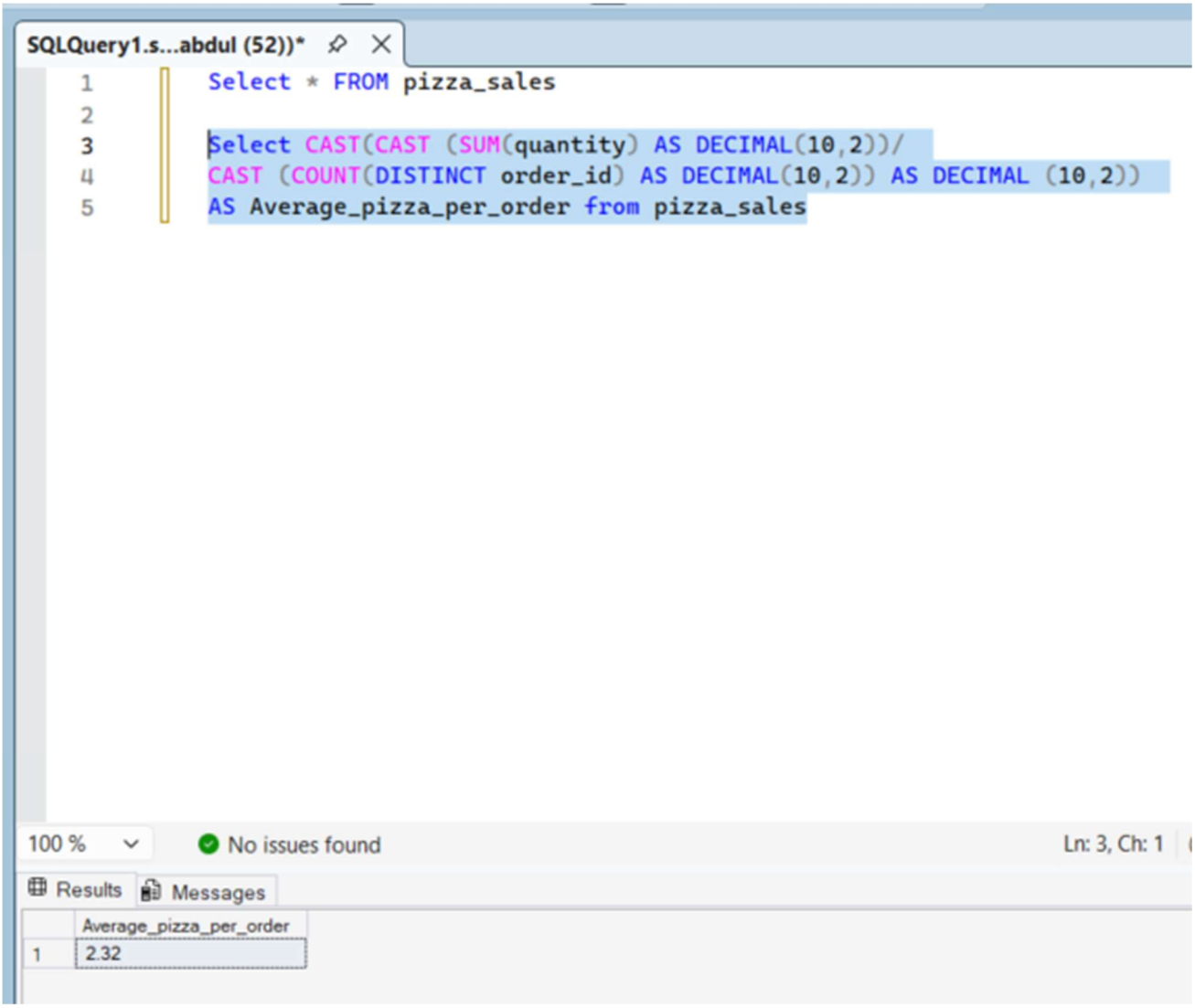
3. Total Pizza Sold



4. Total Order Placed



5. Average Pizza Per Order



CHARTS REQURIMENT

B. Daily Trend

SQLQuery1.s...abdul (52))*

```
1   Select * FROM pizza_sales
2
3   --Daily Trend
4   SELECT DATENAME(DW, order_date) as order_day, COUNT(DISTINCT order_id)
5   AS Total_orders from pizza_sales
6   GROUP BY DATENAME(DW, order_date)
7
```

100 % No issues found

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. Hourly Trend for orders

SQLQuery1.s...abdul (52))*

```sql
Select * FROM pizza_sales

--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)

--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)
```

100 % No issues found Ln: 9, Ch: 1 (183 chars, 4 lines)

Results Messages

	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

D. Percentage of sales by pizza category

SQLQuery1.s...abdul (52))*

```
1  Select * FROM pizza_sales
2
3  SELECT pizza_category, sum(total_price) as Total_Sales, sum(total_price) * 100 /
4  (SELECT sum(total_price) from pizza_sales WHERE MONTH(order_date) = 1) AS PCT
5  from pizza_sales
6  WHERE MONTH(order_date) = 1
7  GROUP BY pizza_category
```

100 % No issues found Ln: 7, Ch: 25

Results Messages

	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

E. TOTAL % OF PIZZA BY SIZE

SQLQuery1.s...abdul (52))*

```
1   Select * FROM pizza_sales
2
3   SELECT pizza_size, cast(sum(total_price) AS DECIMAL(10,2))
4   as Total_Sales, CAST(sum(total_price) * 100 /
5   (SELECT sum(total_price) from pizza_sales WHERE DATEPART (quarter, order_date)=1)
6   AS DECIMAL(10,2)) AS PCT
7   from pizza_sales
8   WHERE DATEPART (quarter, order_date)=1
9   GROUP BY pizza_size
10  ORDER BY PCT DESC
```

100 % No issues found Ln: 10, Ch: 19 TABS

Results Messages

	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 NUMBER OF PIZZA SOLD BY CATEGORY

SQLQuery1.s...abdul (52))*

```
1   Select * FROM pizza_sales
2
3   --SELECT pizza_size, cast(sum(total_price) AS DECIMAL(10,2))
4   --as Total_Sales, CAST(sum(total_price) * 100 /
5   --(SELECT sum(total_price) from pizza_sales WHERE DATEPART (quarter, order_date)=1)
6   --AS DECIMAL(10,2)) AS PCT
7   --from pizza_sales
8   --WHERE DATEPART (quarter, order_date)=1
9   --GROUP BY pizza_size
10  --ORDER BY PCT DESC
11
12  SELECT pizza_category, sum(quantity) as total_pizzas_sold
13  from pizza_sales
14  group by pizza_category
```

100 % No issues found Ln: 12, Ch: 1 (100 chars, 3 lines) TABS

Results Messages

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

G. TOP 5 BEST SELLER PIZZAS

SQLQuery1.s...abdul (52))*

```
1   Select * FROM pizza_sales
2
3   --SELECT pizza_size, cast(sum(total_price) AS DECIMAL(10,2))
4   --as Total_Sales, CAST(sum(total_price) * 100 /
5   --(SELECT sum(total_price) from pizza_sales WHERE DATEPART (quarter, order_date)=1)
6   --AS DECIMAL(10,2)) AS PCT
7   --from pizza_sales
8   --WHERE DATEPART (quarter, order_date)=1
9   --GROUP BY pizza_size
10  --ORDER BY PCT DESC
11
12  SELECT TOP 5 pizza_name, sum (quantity) as total_pizzas_sold
13  from pizza_sales
14  group  by pizza_name
15  order by sum(quantity) desc
```

100 % No issues found Ln: 15, Ch: 29

Results Messages

	pizza_name	total_pizzas_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

H. Bottom 5 pizza’s

SQLQuery1.s...abdul (52))*

```sql
Select * FROM pizza_sales

--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

SELECT TOP 5 pizza_name, sum (quantity) as total_pizzas_sold
from pizza_sales
group  by pizza_name
order by sum(quantity) asc
```

100 % No issues found Ln: 15, Ch: 28

Results Messages

	pizza_name	total_pizzas_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

I. Worst selling pizza done by month (worst 5)

SQLQuery1.s...abdul (52))*

```
1   Select * FROM pizza_sales
2
3   --SELECT pizza_size, cast(sum(total_price) AS DECIMAL(10,2))
4   --as Total_Sales, CAST(sum(total_price) * 100 /
5   --(SELECT sum(total_price) from pizza_sales WHERE DATEPART (quarter, order_date)=1)
6   --AS DECIMAL(10,2)) AS PCT
7   --from pizza_sales
8   --WHERE DATEPART (quarter, order_date)=1
9   --GROUP BY pizza_size
10  --ORDER BY PCT DESC
11
12  SELECT TOP 5 pizza_name, sum (quantity) as total_pizzas_sold
13  from pizza_sales
14  where month (order_date) = 1
15  group  by pizza_name
16  order by sum(quantity) asc
```

100 % No issues found Ln: 12, Ch: 1 (160 chars, 5 lines)

Results Messages

	pizza_name	total_pizzas_sold
1	The Brie Carre Pizza	35
2	The Calabrese Pizza	67
3	The Mediterranean Pizza	68
4	The Green Garden Pizza	75
5	The Chicken Pesto Pizza	77