## PROJECT Restaurant Sales Analytics with MySQL.

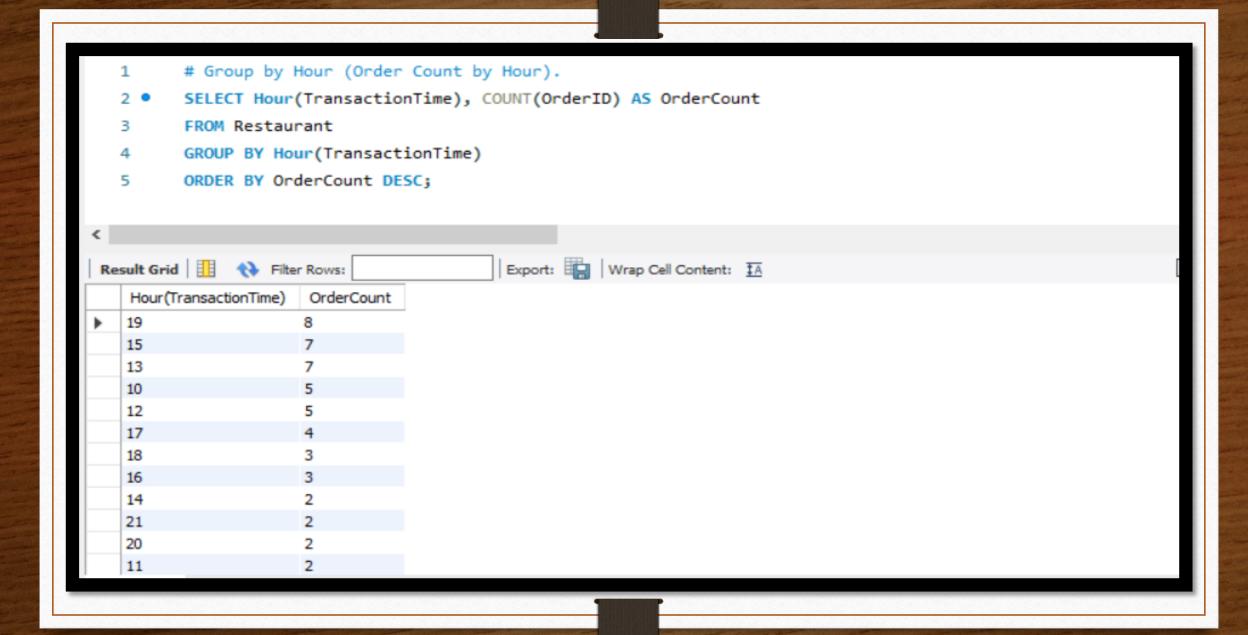
## **OBJECTIVES:** ☐ Analyze sales performance. Optimize menu offerings. ☐ Monitor sales trends. ☐ Monitor revenue insights. ☐ Improve operational efficiency. ☐ Identify grow opportunities.

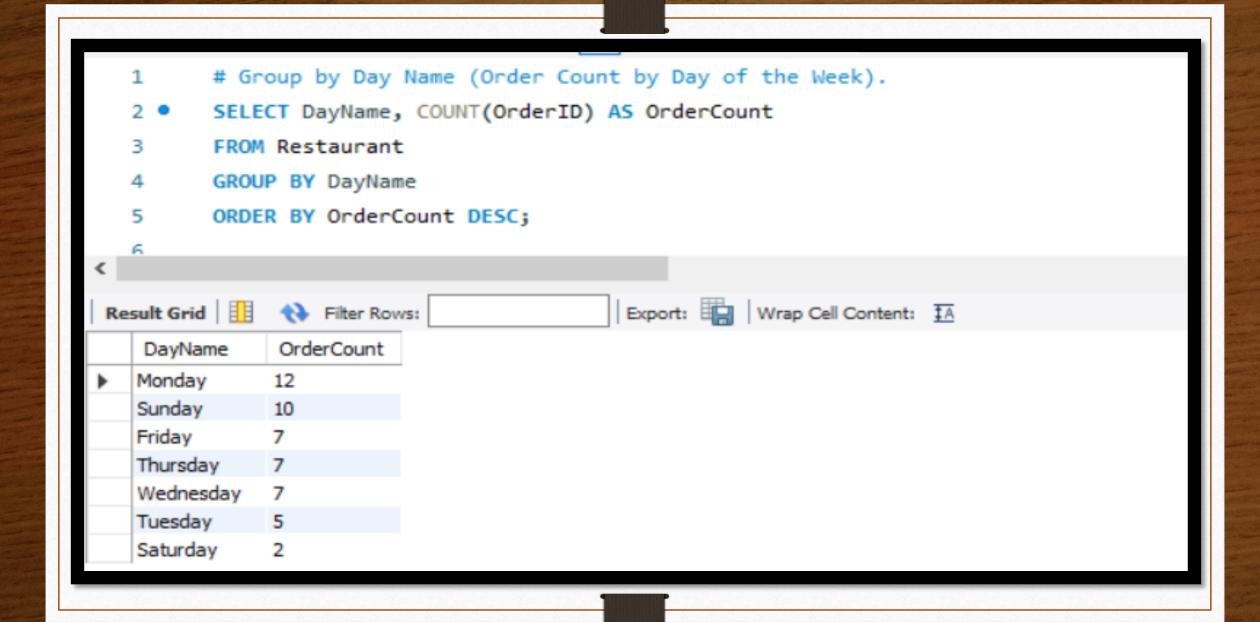
# DATA ANALYSIS WITH THE HELP OF SQL QUERIES.

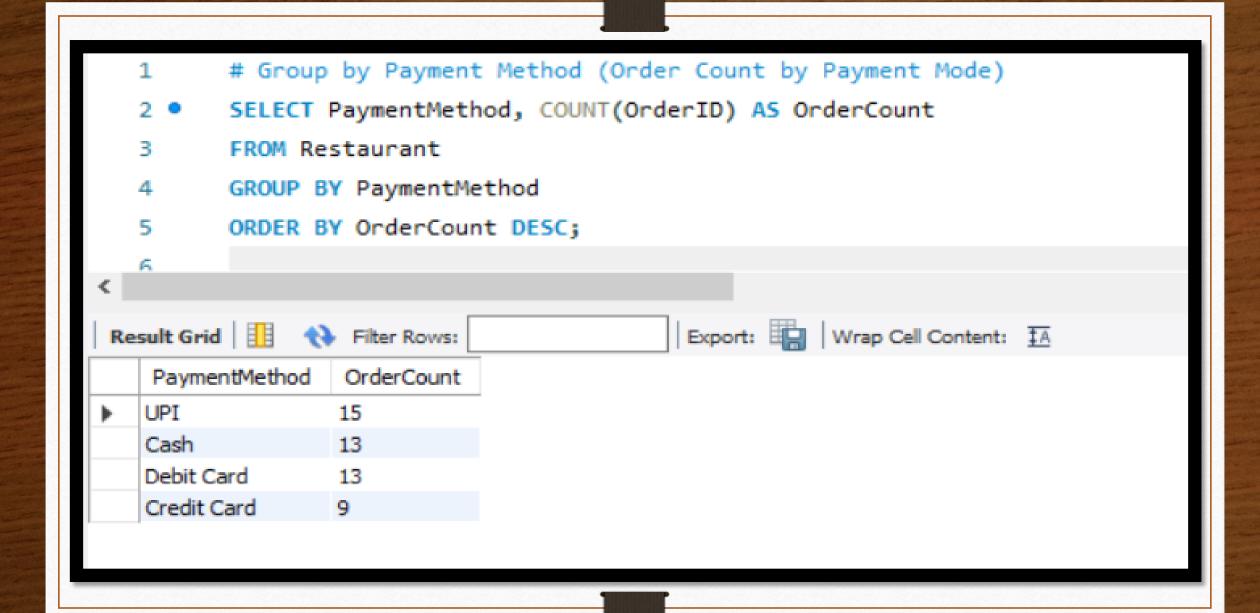


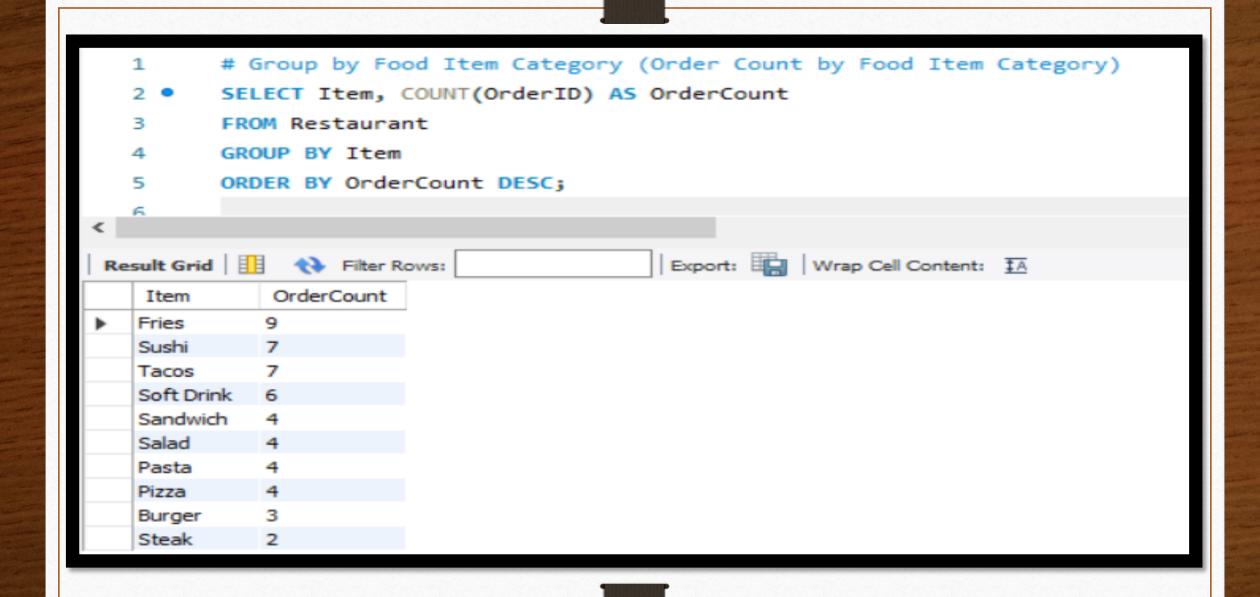
SELECT \* FROM restaurant\_database.restaurant LIMIT 5;

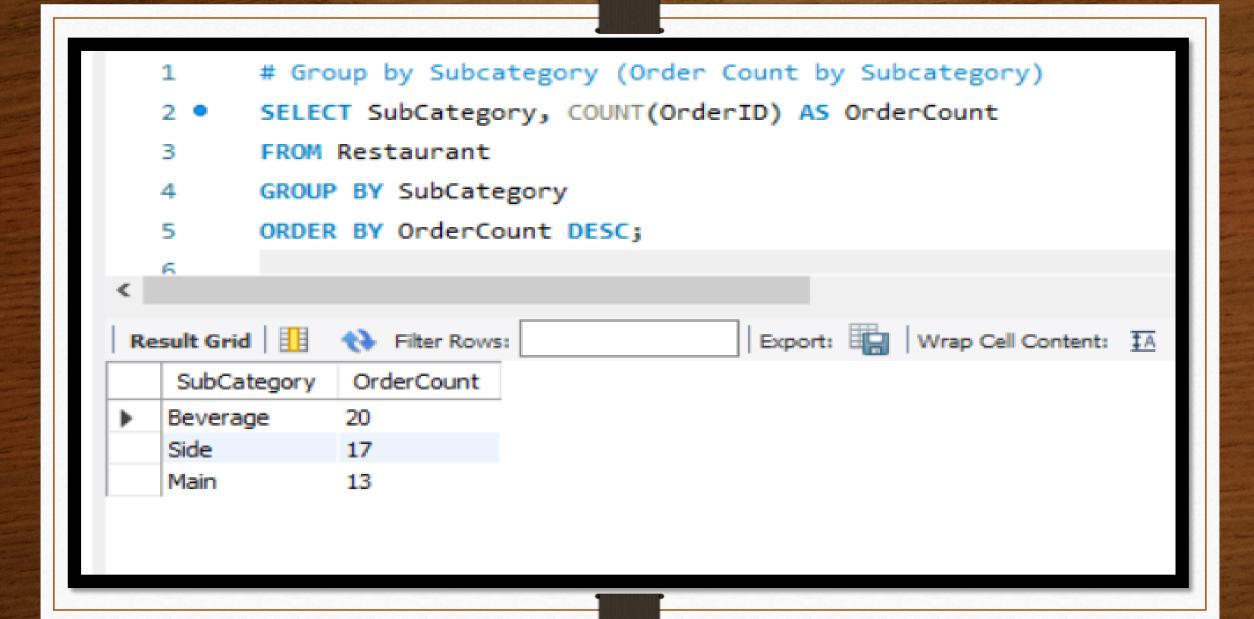
Re	Result Grid   1				Export: Wrap Cell Content: A Fetch rows					
	OrderID	Item	SubCategory	Quantity	TotalAmount (â,¹)	PaymentMethod	TransactionDate	TransactionTime	MonthName	DayNar
١	O100	Sushi	Beverage	4	1180	Credit Card	08-09-2024	15:20:16	September	Sunday
	0101	Soft Drink	Beverage	3	1338	Cash	20-09-2024	14:32:56	September	Friday
	0102	Sandwich	Side	3	1200	Credit Card	03-09-2024	18:08:15	September	Tuesday
	0103	Tacos	Beverage	3	1467	Cash	12-09-2024	18:23:12	September	Thursda
	0104	Salad	Side	4	1168	UPI	17-09-2024	21:08:33	September	Tuesday

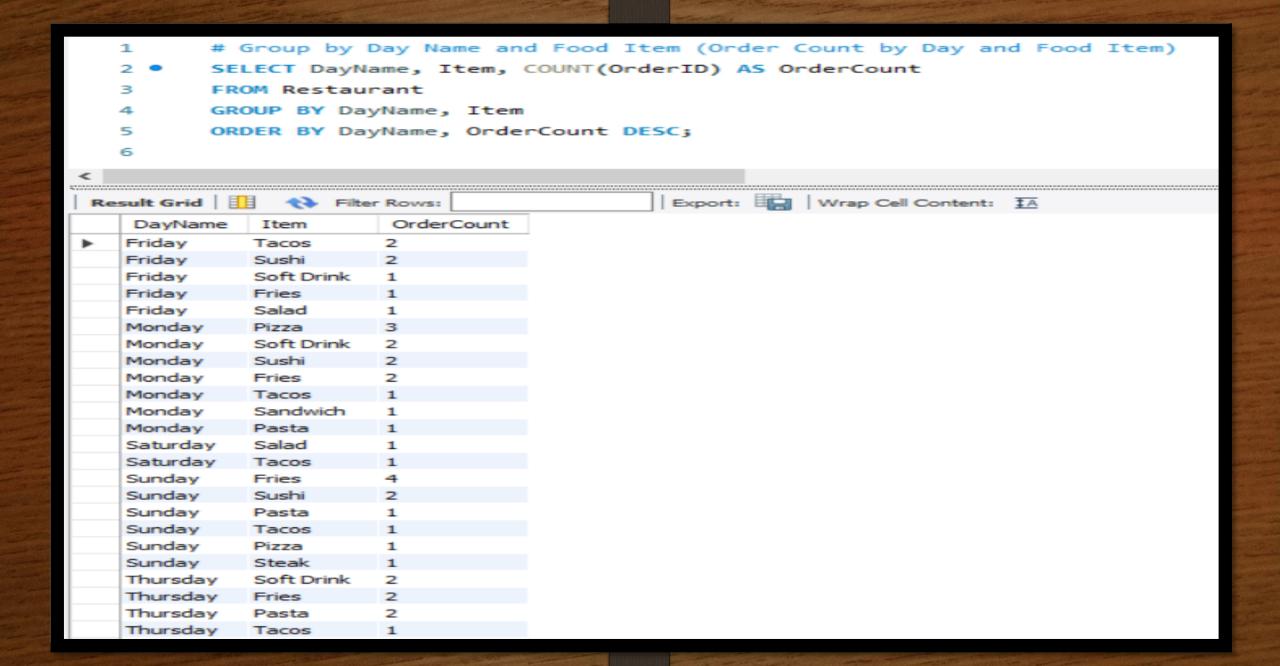


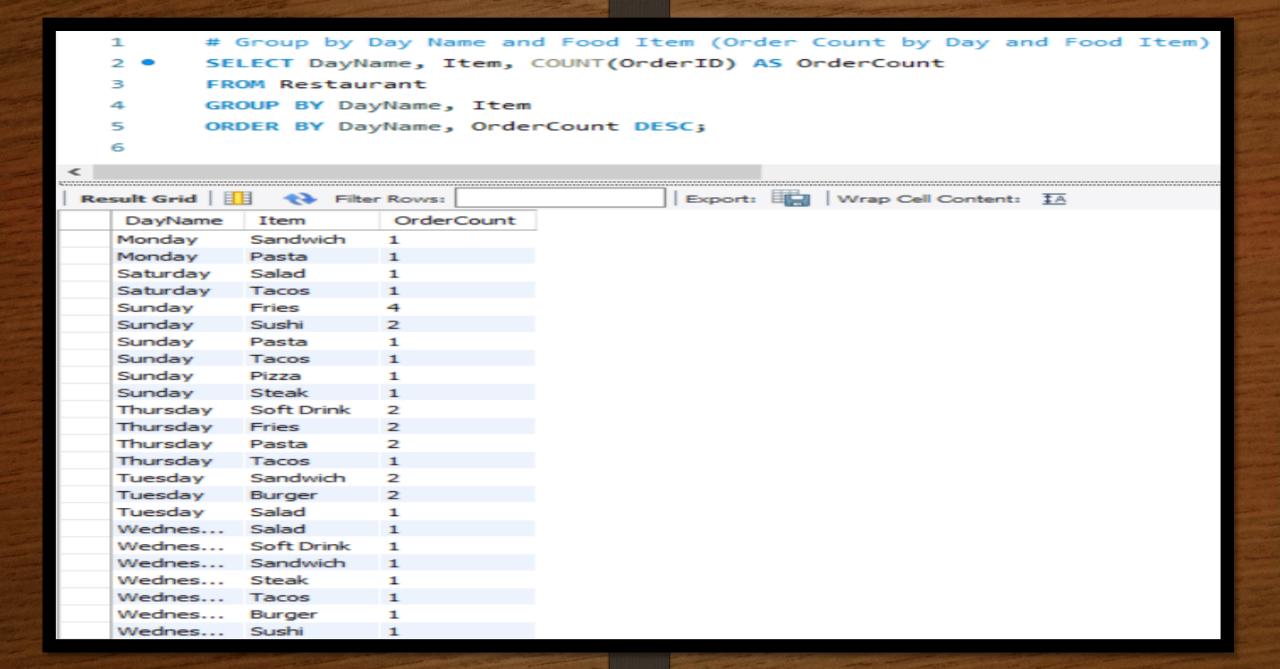


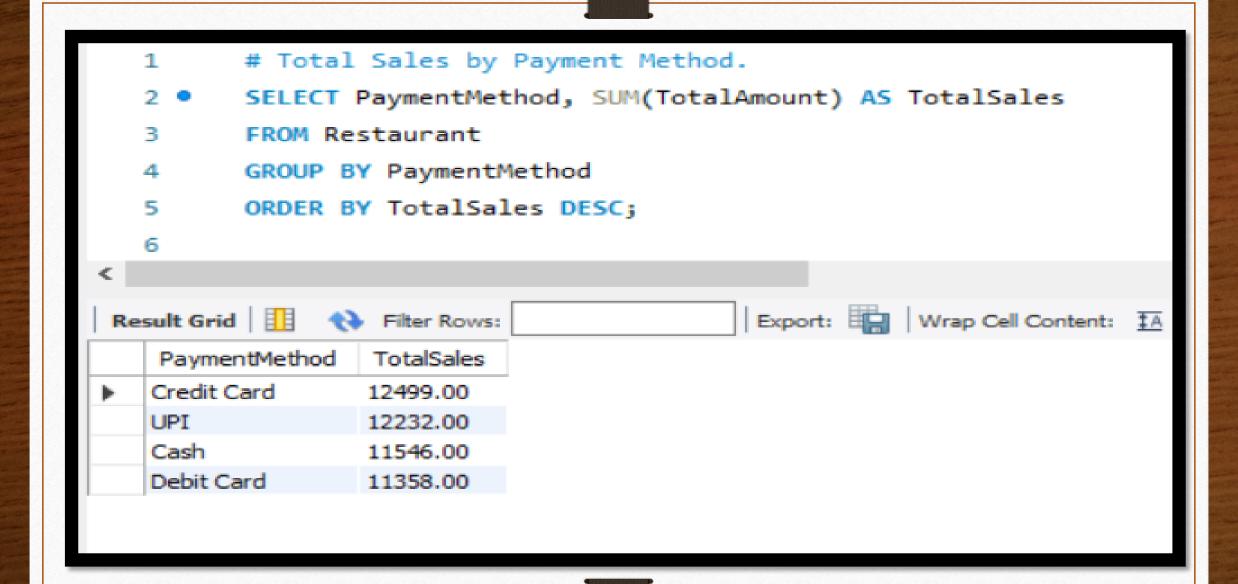




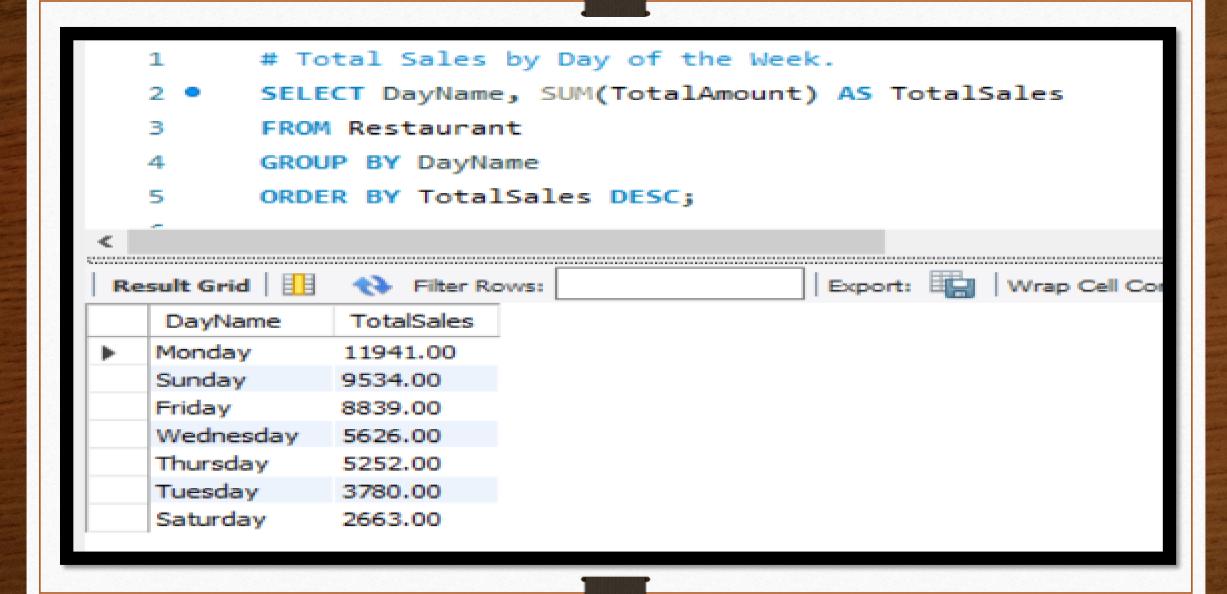


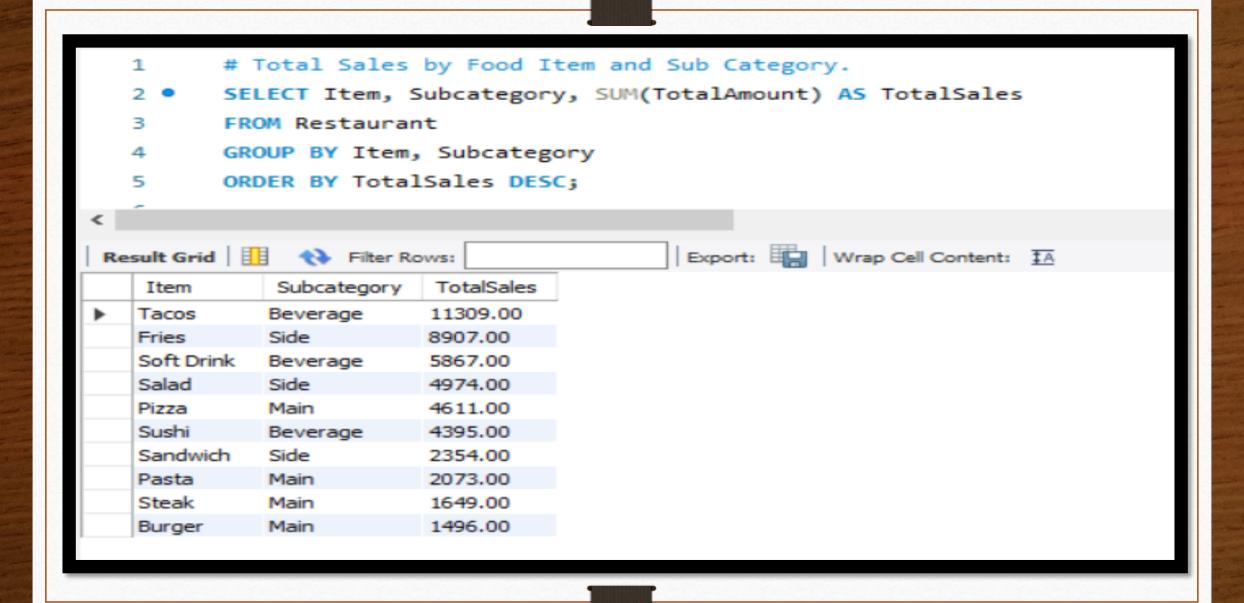






```
# Total Sales by Hour.
         SELECT HOUR(TransactionTime) AS Hour, SUM(TotalAmount) AS TotalSales
  3
         FROM Restaurant
         GROUP BY HOUR(TransactionTime)
  5
         ORDER BY TotalSales DESC;
Result Grid Filter Rows:
                                            Export: Wrap Cell Content: IA
         TotalSales
   Hour
         9580.00
  19
        7955.00
  13
  15
         5840.00
  17
        3940.00
        3931.00
  16
        3512.00
  18
  12
        3470.00
        2874.00
  10
  21
         2513.00
  20
        1721.00
  14
         1590.00
         709.00
  11
```





## Conclusion:

- ☐ Monday is the busiest sales day, with the highest number of transactions while Saturday sees the least sales.
- ☐ Most orders are placed around 7:00 PM highlighting peak dining hours while 11:00 AM sees least.
- ☐ Fries are the most ordered food item while beverages are the most favoured food sub category.

### PROJECT BY: SARTHAK BHANDARI