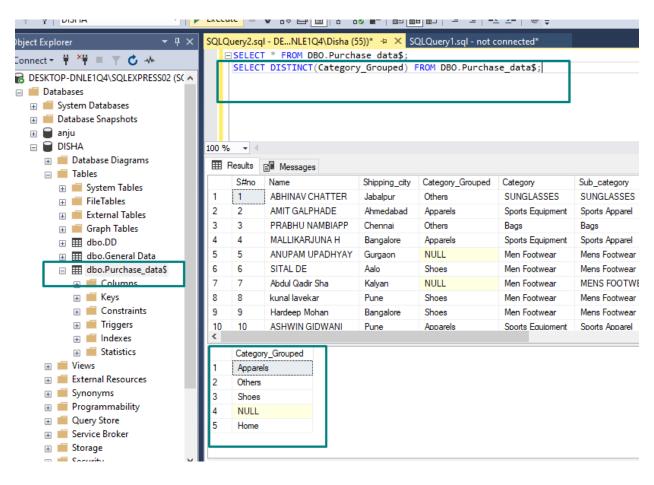
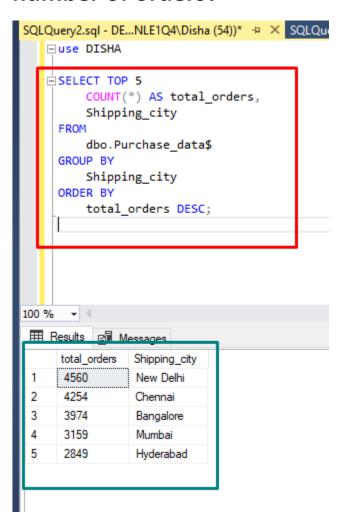
PAYTM EPURCHASE DATA

1. What does the "Category_Grouped" column represent, and how many unique categories are there?



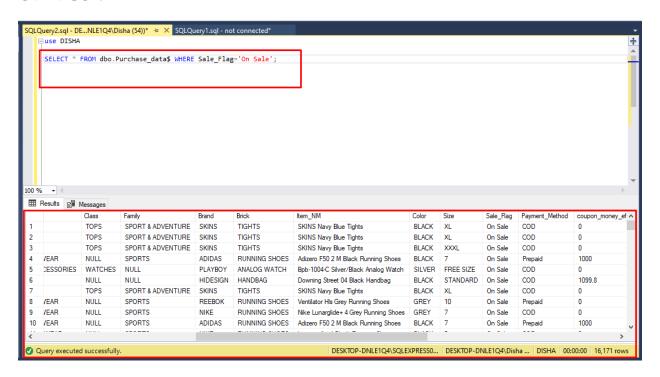
2. Can you list the top 5 shipping cities in terms of the number of orders?



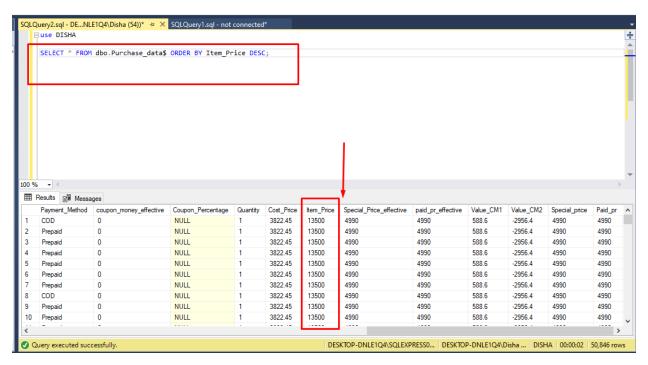
3. Show me a table with all the data for products that belong to the "Electronics" category.

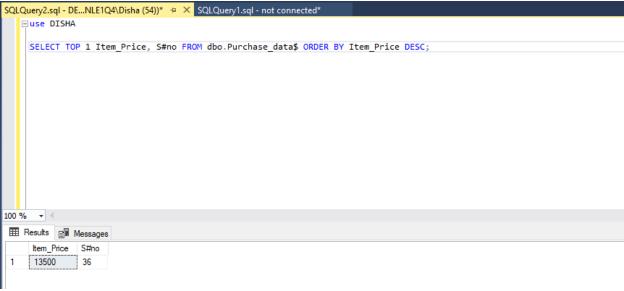
There's no such category.

4. Filter the data to show only rows with a "Sale_Flag" of 'Yes'.

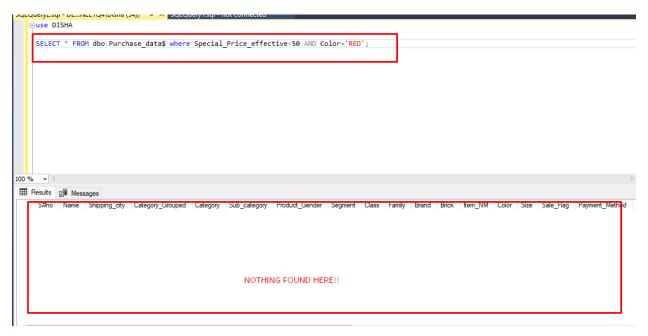


5. Sort the data by "Item_Price" in descending order. What is the most expensive item?





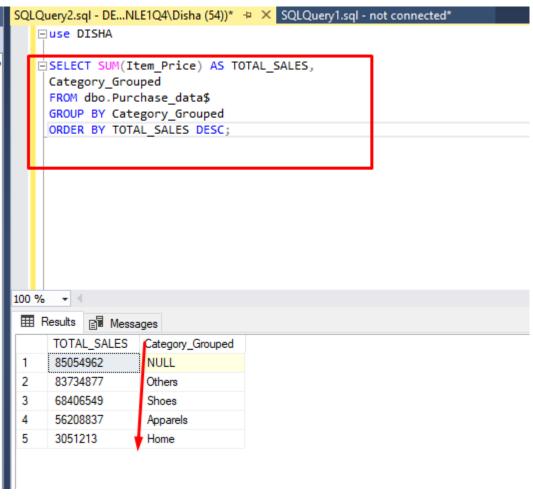
6. Apply conditional formatting to highlight all products with a "Special_Price_effective" value below \$50 in red.

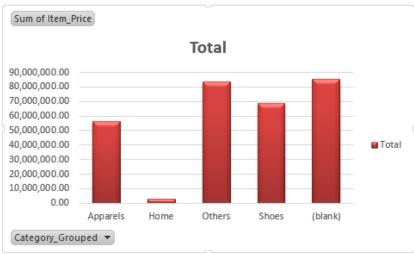


7. Create a pivot table to find the total sales value for each category.

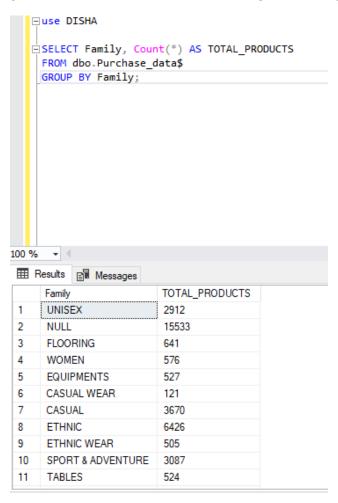


8. Create a bar chart to visualize the total sales for each category.





9. Create a pie chart to show the distribution of products in the "Family" category.



10. Ensure that the "Payment_Method" column only contains valid payment methods (e.g.,

Visa, MasterCard).

```
□ use DISHA;

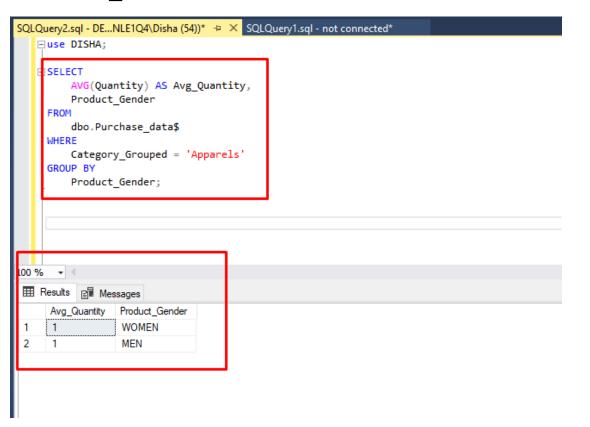
□ UPDATE dbo.Purchase_data$

| SET Payment_Method =

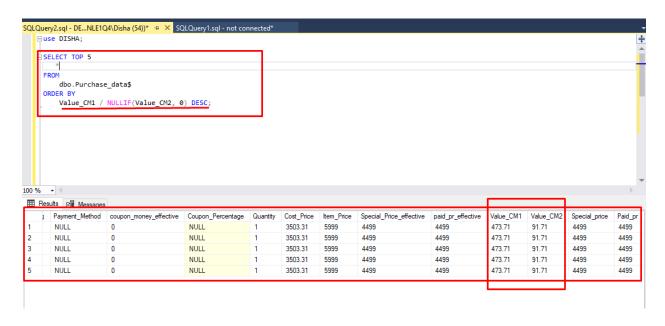
| CASE
| WHEN Payment_Method NOT IN ('Visa', 'MasterCard') THEN 'Null'

| ELSE Payment_Method
| END;
```

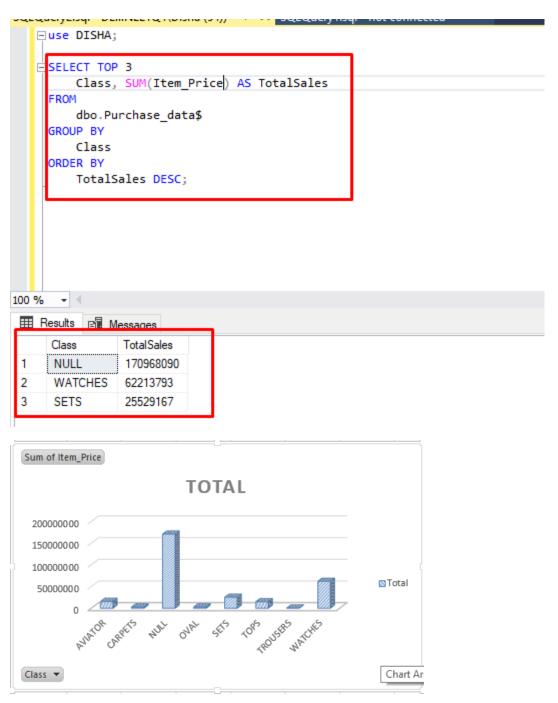
11. Calculate the average "Quantity" sold for products in the "Clothing" category, grouped by "Product_Gender."



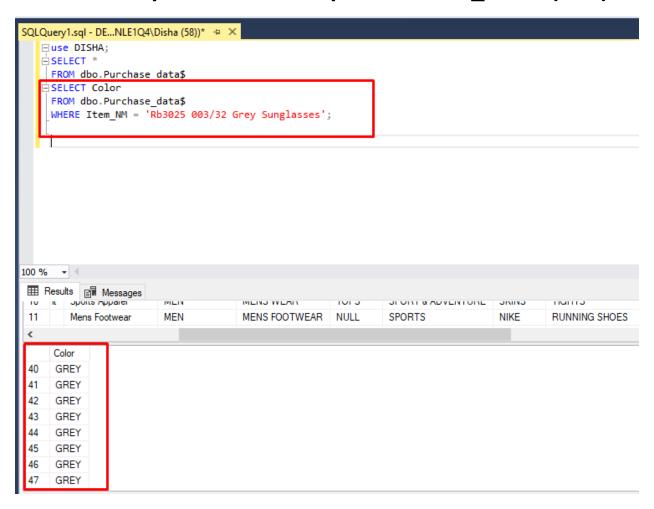
12. Find the top 5 products with the highest "Value_CM1" and "Value_CM2" ratios. Create a chart to visualize this data.



13. Identify the top 3 "Class" categories with the highest total sales. Create a stacked bar chart to represent this data.



14. Use VLOOKUP or INDEX-MATCH to retrieve the "Color" of a product with a specific "Item_NM." (SQL)

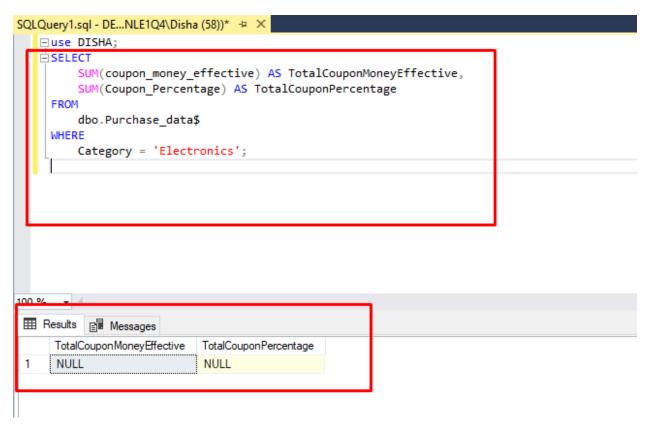


=INDEX(C1:C100, MATCH("specific_item_nm", A1:A100, 0))

0 in MATCH ensures an exact match

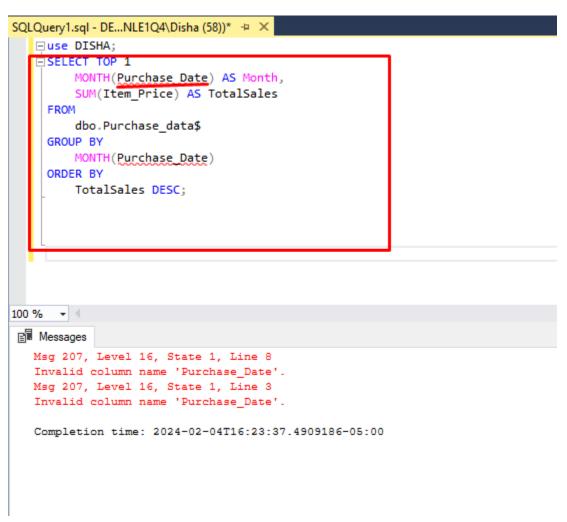
A1:A100 is the range of "Item_NM," and C1:C100 is the range of "Color.

15. Calculate the total "coupon_money_effective" and "Coupon_Percentage" for products in the "Electronics" category.



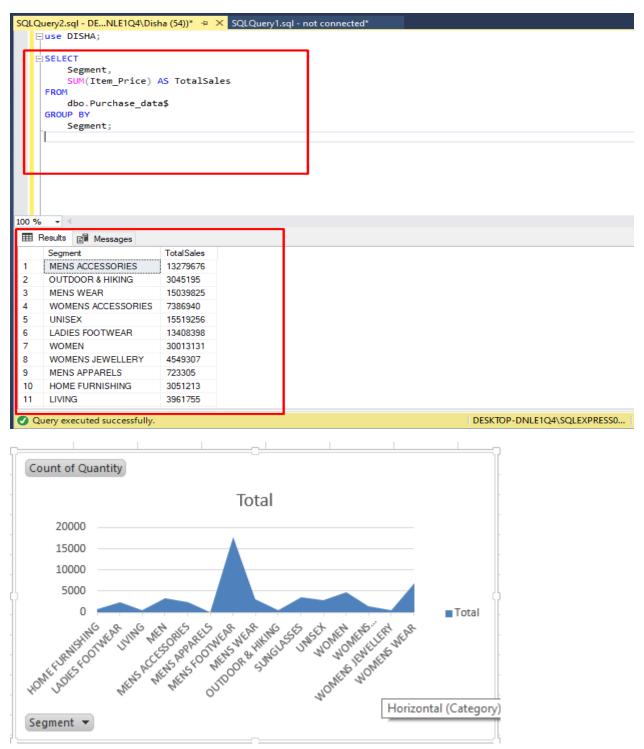
2 of 2

16. Perform a time series analysis to identify the month with the highest total sales.

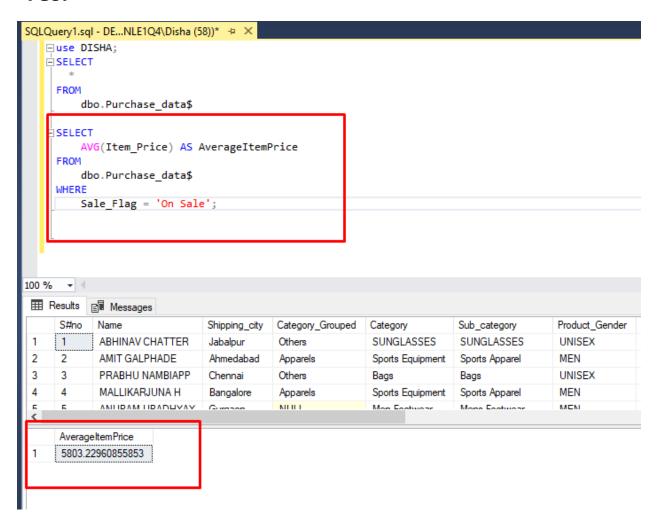


Date hasn't been provided to us.

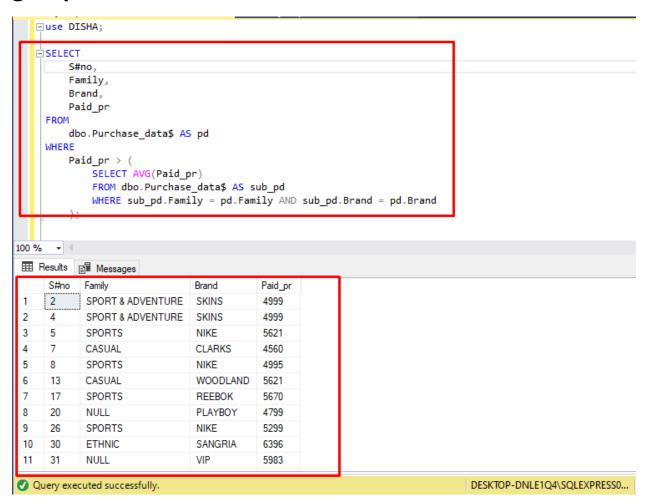
17. Calculate the total sales for each "Segment" and create a plot to visualize the relationship between "Item_Price" and "Quantity" in this data.



18. Use the AVERAGEIFS function to find the average "Item_Price" for products that have a "Sale_Flag" of 'Yes.'

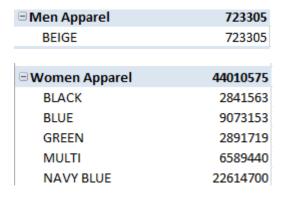


19. Identify products with a "Paid_pr" higher than the average in their respective "Family" and "Brand" groups.

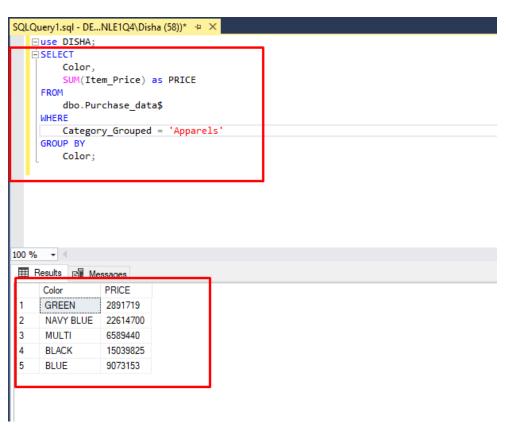


20. Create a pivot table to show the total sales for each "Color" within the "Clothing" category and use conditional formatting to highlight the highest sales.

There's no Clothing category but there is "Apparels" category.



SQL



Item Price	Special_Price_effective
4999	4999
4999	4999
4095	4095
4999	4999
7495	7495
6495	6495
4560	4560
5995	5995
5690	5690
4020	4020
4999	4999
5795	4636
7495	5621
5795	4636
5090	5090
5499	5499
6300	5670
4295	4295
4020	4020
4799	4799
4999	4999
5499	5499
4925	4186
4990	4990
5499	5499
5299	5299
5499	5499
4195	4195
4550	4095
7995	6396
11966	5983
4925	4186