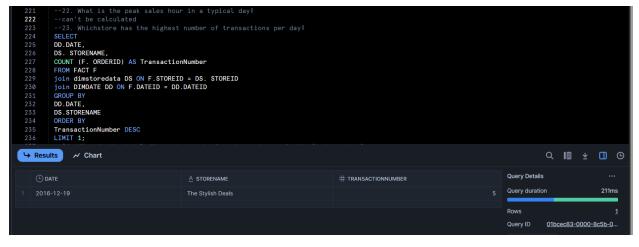


```
--17) Hourly sales distribution ?
--can't be calculated becuse of lake of data columns
--18) Profitability by product?
--can't be calculated becuse of lake of data columns
--19) Profit margin comparison between categories ?
--can't be calculated becuse of lake of data columns
```

```
SELECT
               when DATEDIFF ('year', DC.DOB, CURRENT_DATE()) BETWEEN 0 AND 18 THEN '0-18'
WHEN DATEDIFF ('year', DC.DOB, CURRENT_DATE()) BETWEEN 19 AND 25 THEN '19-25'
WHEN DATEDIFF ('year', DC.DOB, CURRENT_DATE()) BETWEEN 26 AND 45 THEN '26-45'
WHEN DATEDIFF ('year', DC.DOB, CURRENT_DATE()) BETWEEN 46 AND 60 THEN '46-40'
WHEN DATEDIFF ('year', DC.DOB, CURRENT_DATE()) > 60 THEN '60+' ELSE 'UNKNOWN'
               END AS AgeGroup,
COUNT (F.OrderID) AS TotalOrders,
SUM (F. TOTALAMOUNT) AS TOTALREVENUE
204
                FROM FACT F
                JOIN DIMCUSTOMERDATA DC ON F.CustomerID = DC.CustomerID
208
                GROUP BY
                AgeGroup
A AGEGROUP
                                                                                 # TOTALORDERS
                                                                                                                                                                # TOTALREVENUE
      0-18
                                                                                                                                                                                                            7103988.54766069677783
      19-25
      26-45
                                                                                                                                                                                                            7475191.25968317941198
       46-40
```

21321. How does the yearly revenue trend compare across different years?  214 SELECT  215 DD.YEAR,  216 SUM(F.TOTALAMOUNT) AS YearlyRevenue  FROM FACT F  JOIN DIMDATE DD ON F.DATEID = DD.DATEID  GROUP BY DD.YEAR  220 order BY DD.YEAR  22122. What is the peak sales hour in a typical day?  Chart		
# YEAR		# YEARLYREVENUE
1	2014	2038234.14454108630287
2	2015	2042731.95440325523147
3	2016	2046147.02035117216021
4	2017	2033833.94590551106841
5	2018	1996634.44598978320121
6	2019	2080212.98349031928106





--25. Which product has the highest return rate? --can't be calculated



