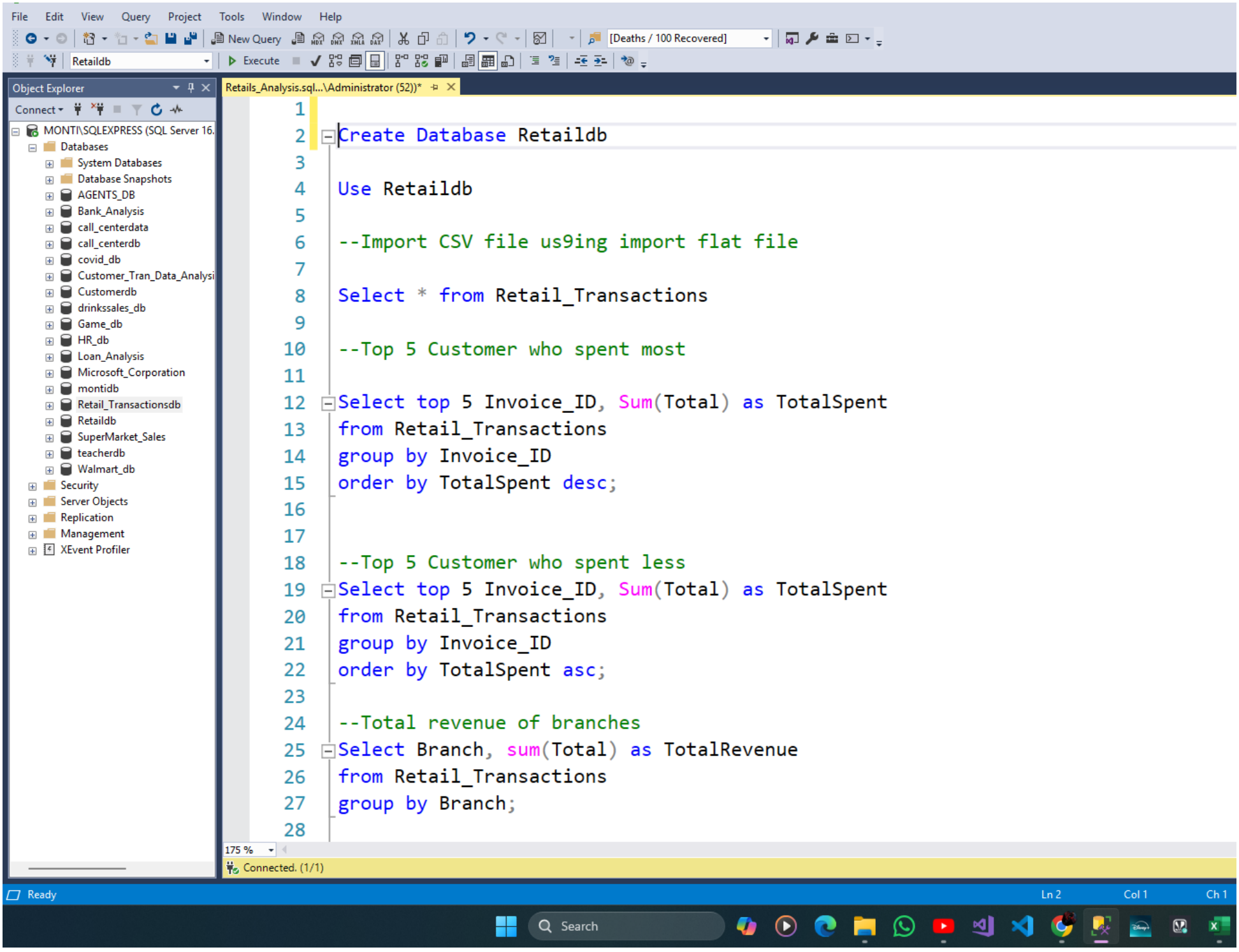
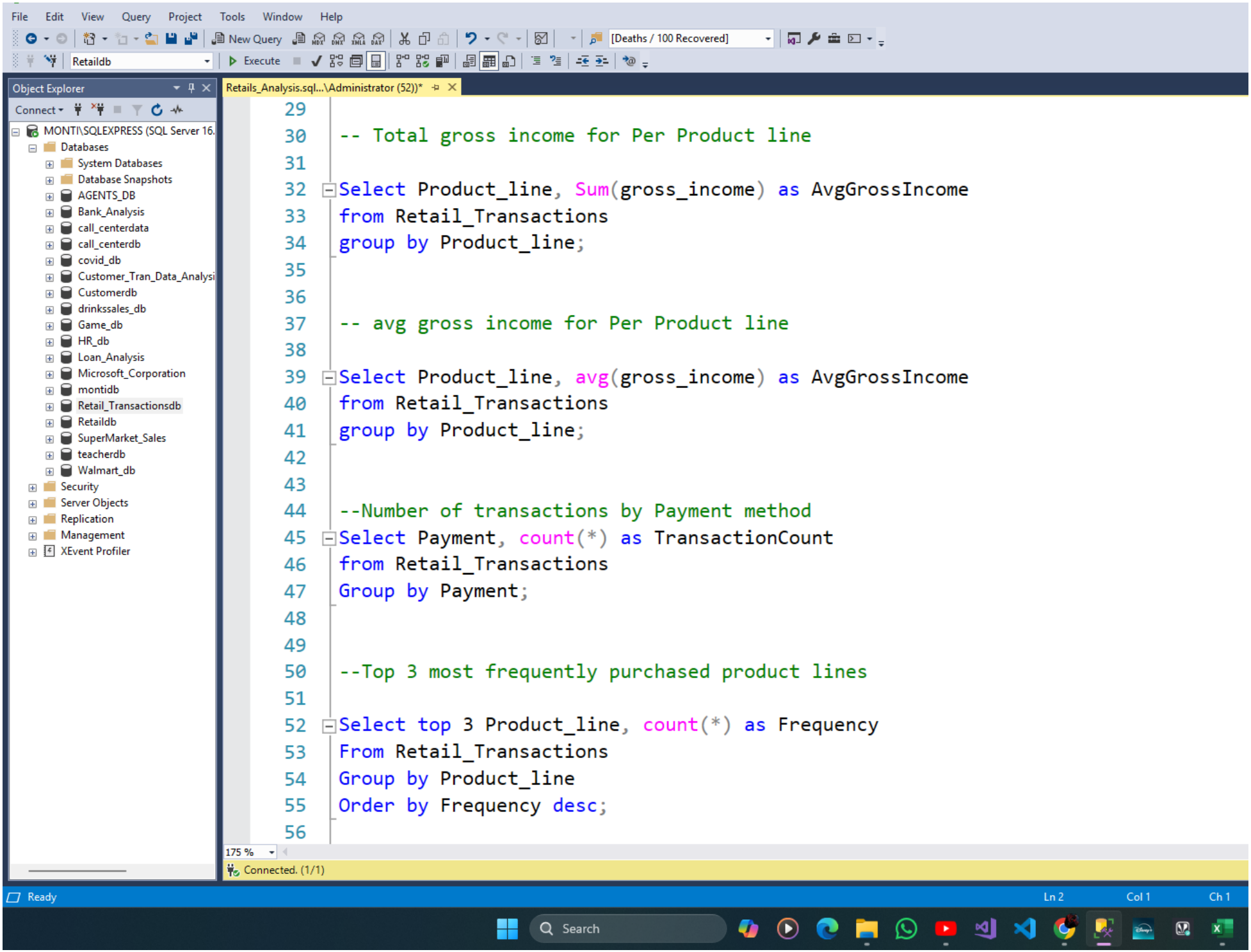

File Edit View Query Project Tools Window Help
New Query
[Deaths / 100 Recovered]
Retaildb
Execute
Object Explorer
Connect
MONTI\SQLEXPRESS (SQL Server 16.
Databases
System Databases
Database Snapshots
AGENTS_DB
Bank_Analysis
call_centerdata
call_centerdb
covid_db
Customer_Tran_Data_Analysi
Customerdb
drinkssales_db
Game_db
HR_db
Loan_Analysis
Microsoft_Corporation
montidb
Retail_Transactionsdb
Retaildb
SuperMarket_Sales
teacherdb
Walmart_db
Security
Server Objects
Replication
Management
XEvent Profiler
Retails_Analysis.sql...\Administrator (52))*
1 Create Database Retaildb
2
3 Use Retaildb
4
5 --Import CSV file us9ing import flat file
6
7 Select * from Retail_Transactions
8
9 --Top 5 Customer who spent most
10
11 Select top 5 Invoice_ID, Sum(Total) as TotalSpent
12 from Retail_Transactions
13 group by Invoice_ID
14 order by TotalSpent desc;
15
16
17 --Top 5 Customer who spent less
18 Select top 5 Invoice_ID, Sum(Total) as TotalSpent
19 from Retail_Transactions
20 group by Invoice_ID
21 order by TotalSpent asc;
22
23 --Total revenue of branches
24 Select Branch, sum(Total) as TotalRevenue
25 from Retail_Transactions
26 group by Branch;
27
28
175 %
Connected. (1/1)
Ready
Ln 2
Col 1
Ch 1
Search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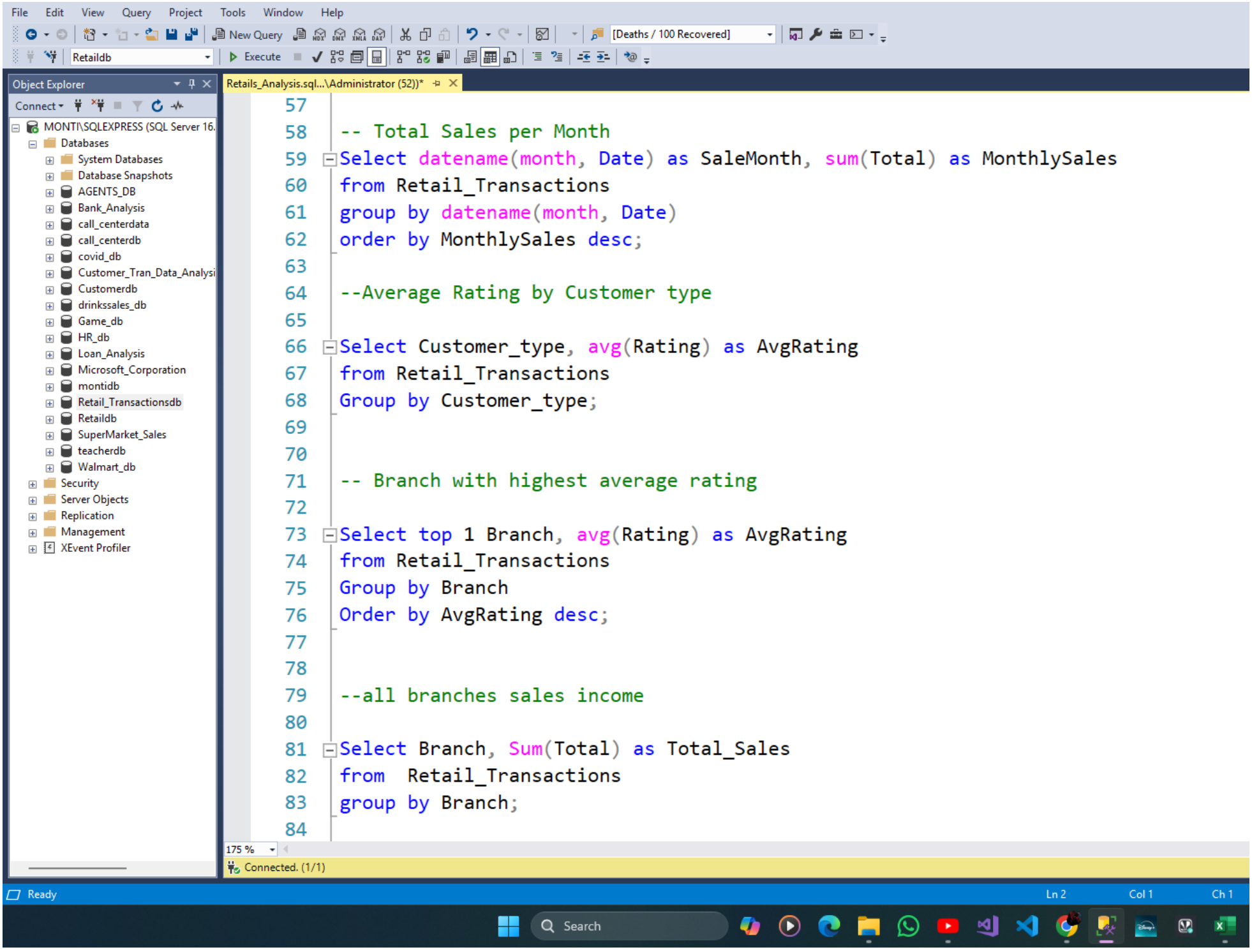
29
30 -- Total gross income for Per Product line
31
32 Select Product_line, Sum(gross_income) as AvgGrossIncome
33 from Retail_Transactions
34 group by Product_line;
35
36
37 -- avg gross income for Per Product line
38
39 Select Product_line, avg(gross_income) as AvgGrossIncome
40 from Retail_Transactions
41 group by Product_line;
42
43
44 --Number of transactions by Payment method
45 Select Payment, count(*) as TransactionCount
46 from Retail_Transactions
47 Group by Payment;
48
49
50 --Top 3 most frequently purchased product lines
51
52 Select top 3 Product_line, count(*) as Frequency
53 From Retail_Transactions
54 Group by Product_line
55 Order by Frequency desc;
56
175 %
Connected. (1/1)
Ready
Ln 2
Col 1
Ch 1
Search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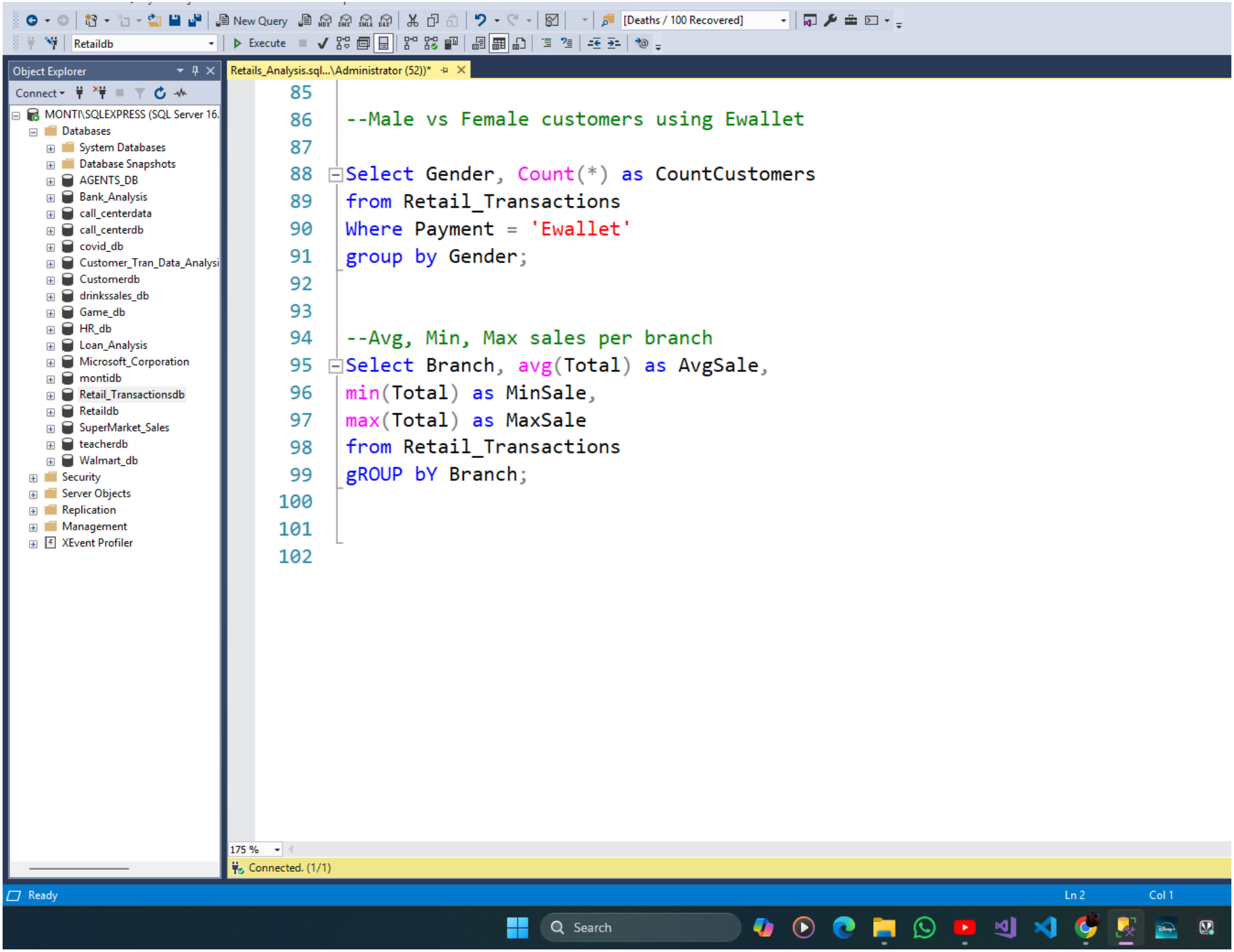
57
58 -- Total Sales per Month
59 Select datename(month, Date) as SaleMonth, sum(Total) as MonthlySales
60 from Retail_Transactions
61 group by datename(month, Date)
62 order by MonthlySales desc;
63
64 --Average Rating by Customer type
65
66 Select Customer_type, avg(Rating) as AvgRating
67 from Retail_Transactions
68 Group by Customer_type;
69
70
71 -- Branch with highest average rating
72
73 Select top 1 Branch, avg(Rating) as AvgRating
74 from Retail_Transactions
75 Group by Branch
76 Order by AvgRating desc;
77
78
79 --all branches sales income
80
81 Select Branch, Sum(Total) as Total_Sales
82 from Retail_Transactions
83 group by Branch;
84
175 %
Connected. (1/1)
Ready
Ln 2
Col 1
Ch 1
Search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Retails_Analysis.sql...\Administrator (52))*
85
86 --Male vs Female customers using Ewallet
87
88 Select Gender, Count(*) as CountCustomers
89 from Retail_Transactions
90 Where Payment = 'Ewallet'
91 group by Gender;
92
93
94 --Avg, Min, Max sales per branch
95 Select Branch, avg(Total) as AvgSale,
96 min(Total) as MinSale,
97 max(Total) as MaxSale
98 from Retail_Transactions
99 gROUP bY Branch;
100
101
102
175 %
Connected. (1/1)
Ready
Ln 2
Col 1
Search