

SQLQuery1.sql - DESKTOP-B33SJ7\Family_Practice (djnsmith7 (53)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Family_Practic Execute

Object Explorer

Connect: [Server Icon] [Server Name] [Server Type] [Server Version] [Server Edition]

DESKTOP-B33SJ7 (SQL Server 15.0.2000.5 - djnsmith7)

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 - Security
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 - XEEvent Profiler

SQLQuery...th7 (53)*

```
1  
2 DECLARE @c BIGINT = (SELECT COUNT(*) FROM Transactions);  
3  
4 SELECT CAST(ROUND(AVG(1.0 * TransAmt),4) AS DEC(10,4)) Trans_Amt_Median  
5 FROM  
6 (SELECT TransAmt FROM Transactions  
7 ORDER BY TransAmt  
8 OFFSET (@c -1) / 2 ROWS  
9 FETCH NEXT 1 + (1 - @c % 2) ROWS ONLY  
10 )  
11 AS x;  
12  
13  
14 SELECT CAST(ROUND(STDDEV(TransAmt),4) AS DEC(10,4)) Trans_Amt_STDDEV  
15 FROM Transactions;  
16  
17  
18 SELECT CAST(ROUND(AVG(DISTINCT TransAmt),4) AS DEC(10,4)) Trans_Amt_Mean  
19 FROM Transactions;
```

125 %

Results Messages

	Trans_Amt_Median
1	950.0000

	Trans_Amt_STDDEV
1	6463.6484

	Trans_Amt_Mean
1	4350.0000

Query executed successfully.