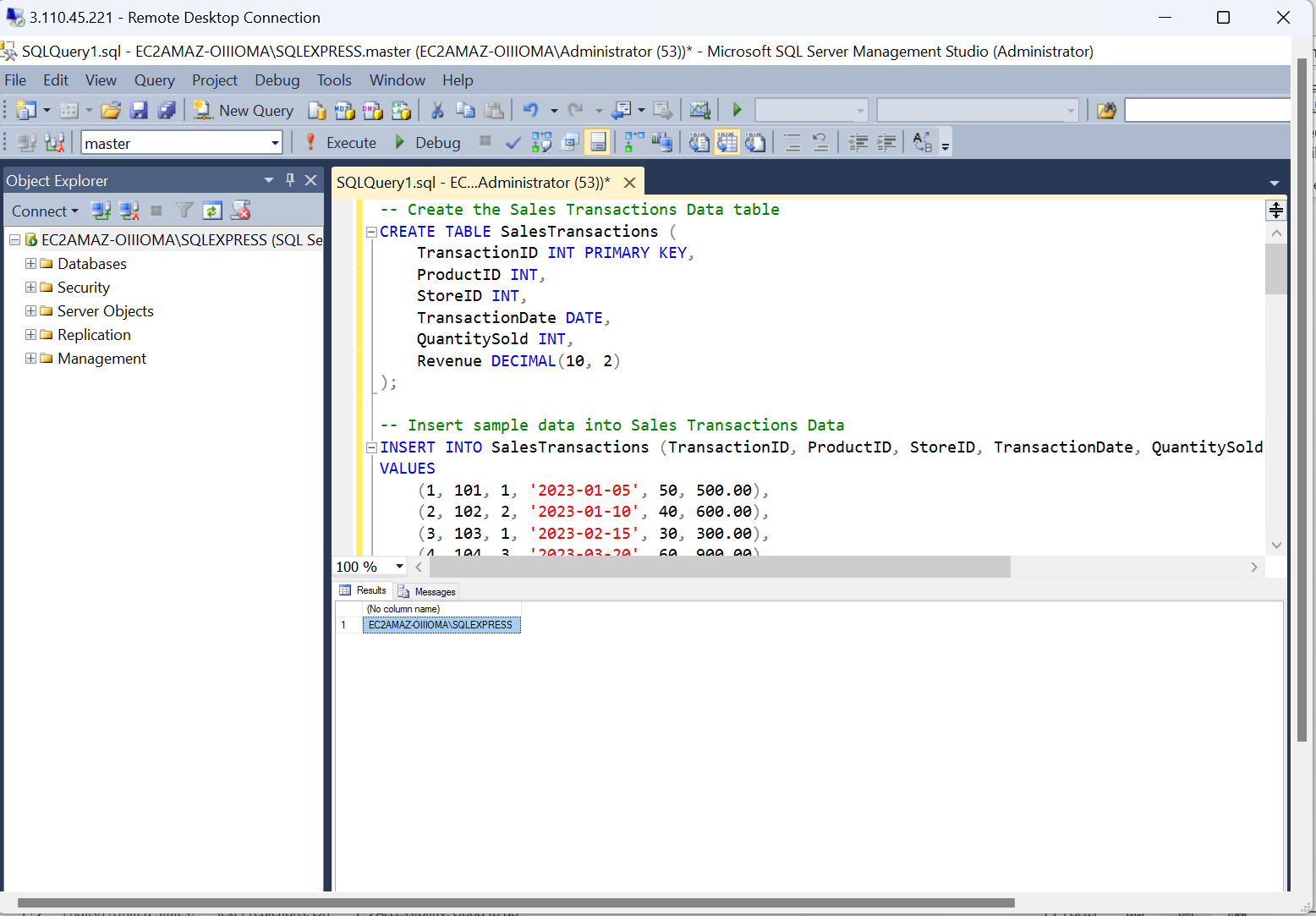
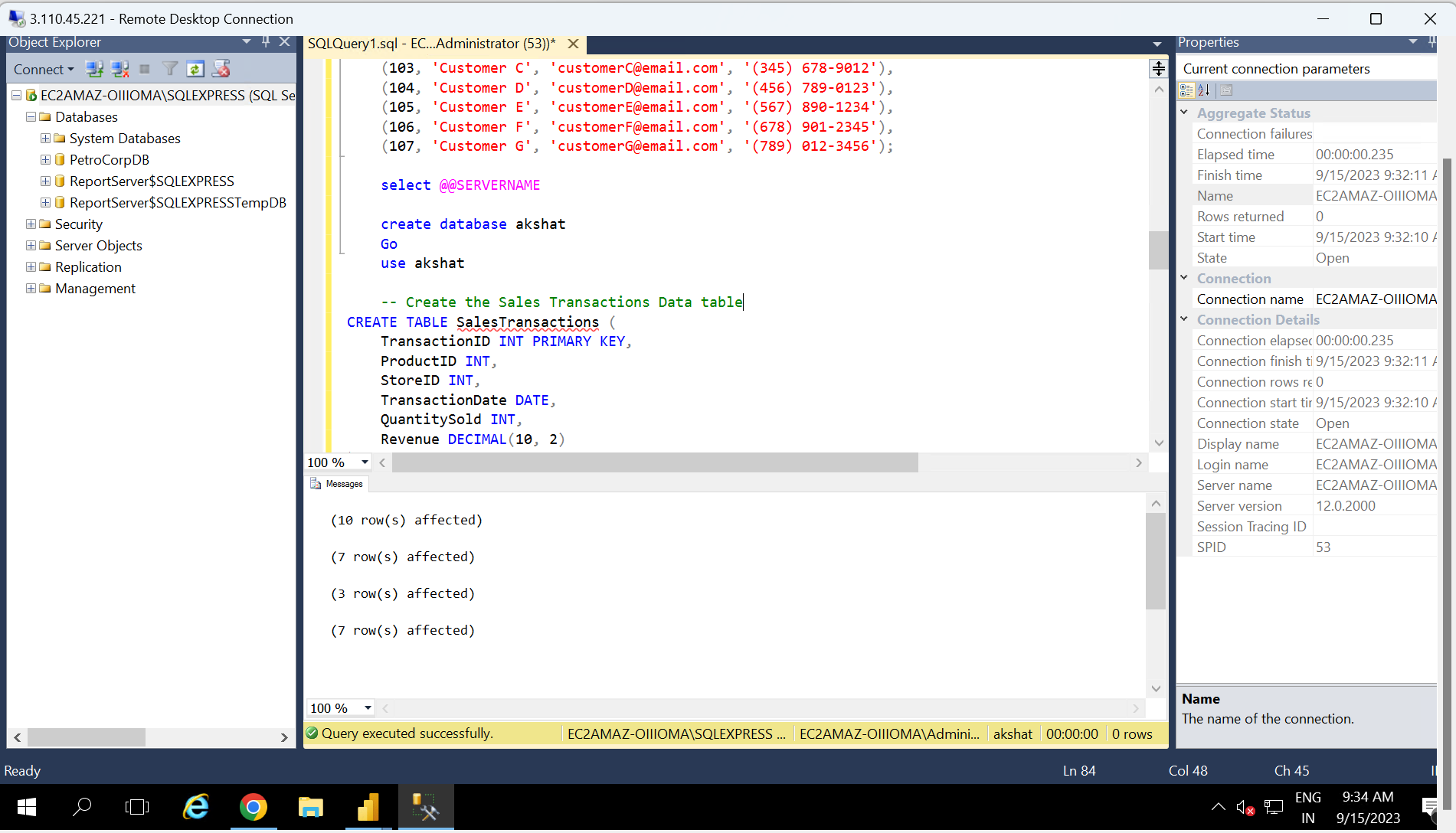
Data loading - Connecting to SQL Server



Creating database – ‘akshat’



Data loading – Loading the tables after creating the database.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

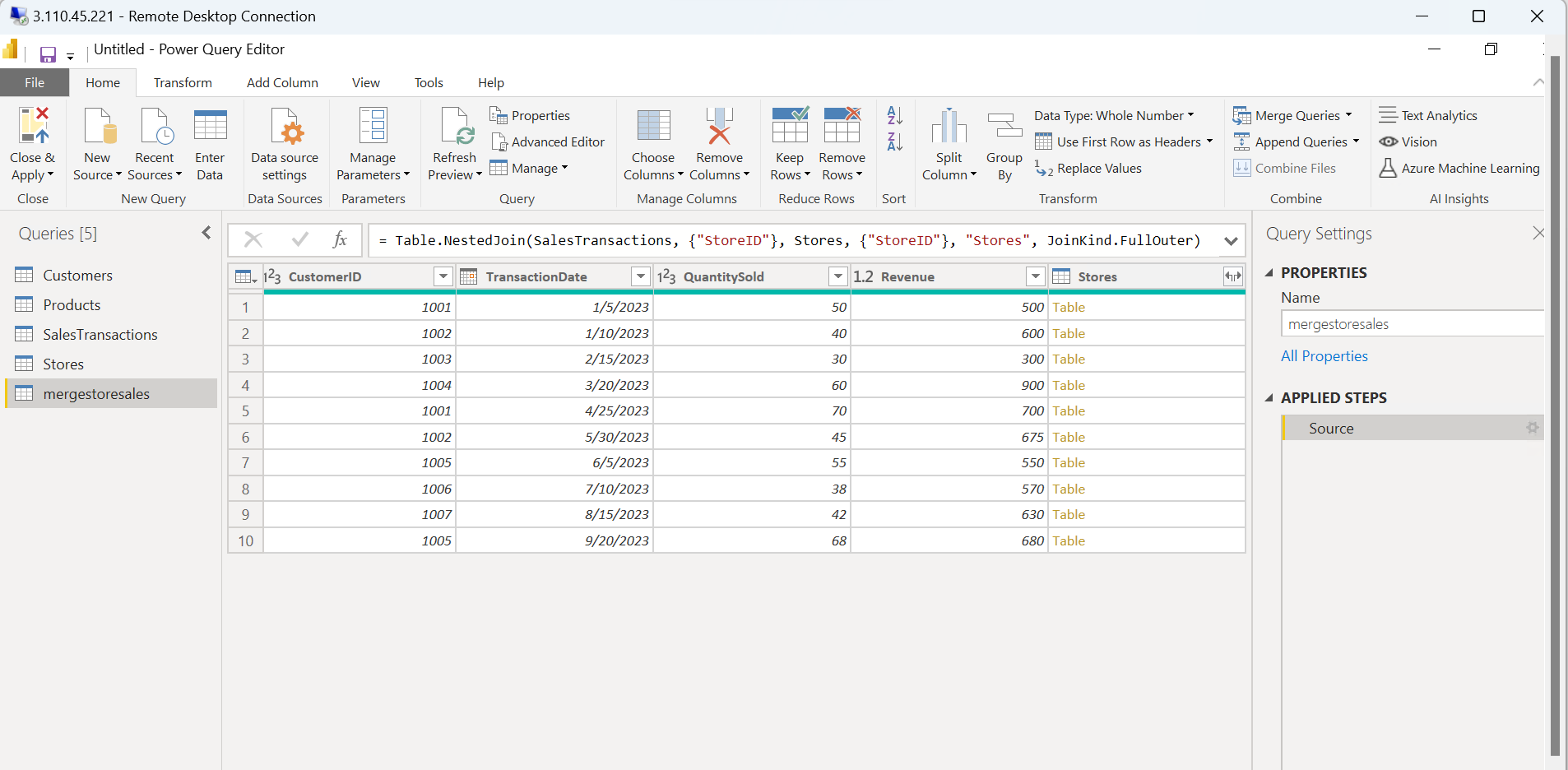
Description automatically generated

A screenshot of a computer

Description automatically generated

Data Transformation –

Merging the tables ‘Stores’ and ‘SalesTransactions’



Created a new column ‘Transaction month’ and calculated the months from the date column in the newly created column.

A screenshot of a computer

Description automatically generated

Filtered data of the column QuantitySold -

A screenshot of a computer

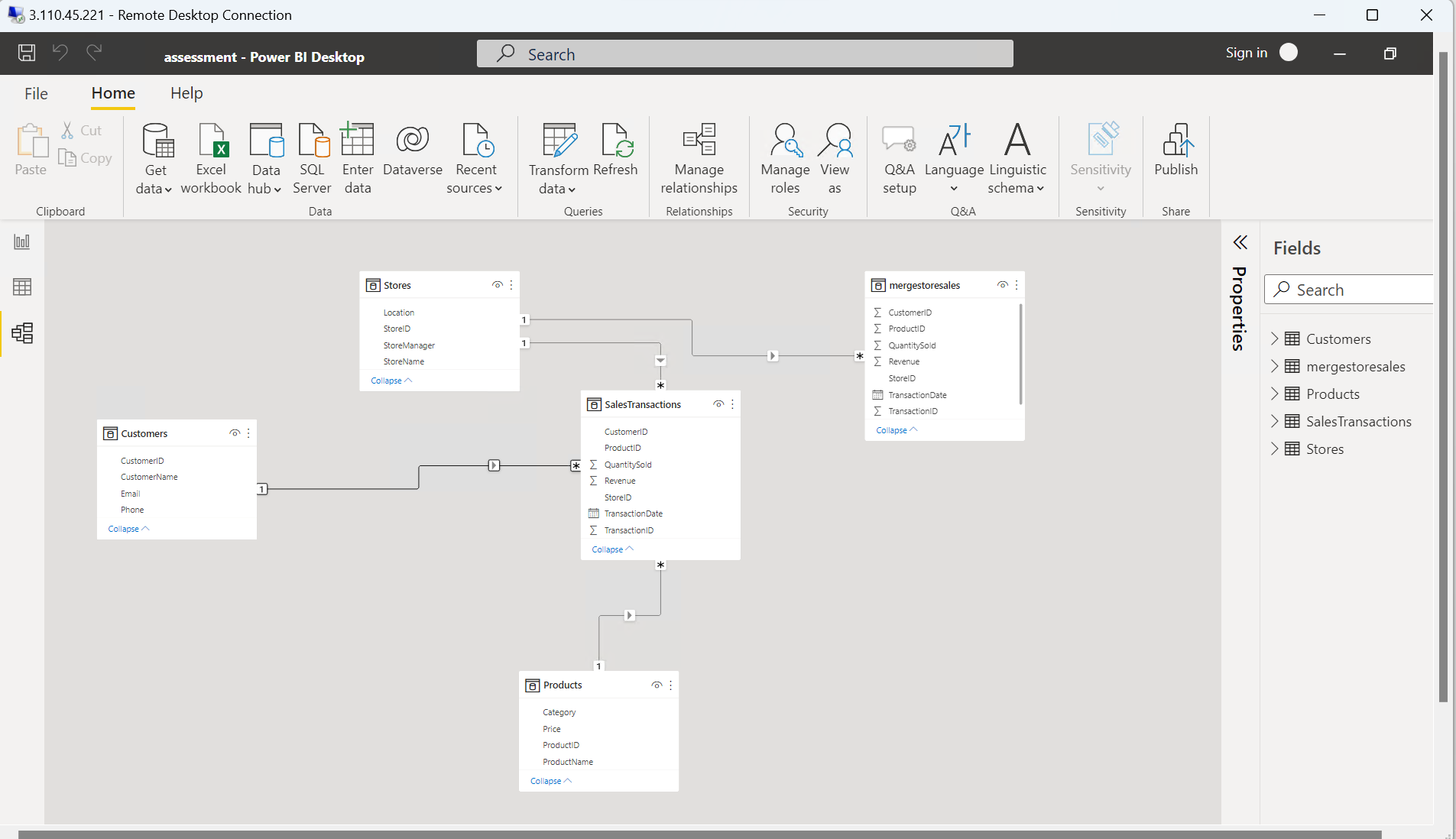
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A screenshot of a computer

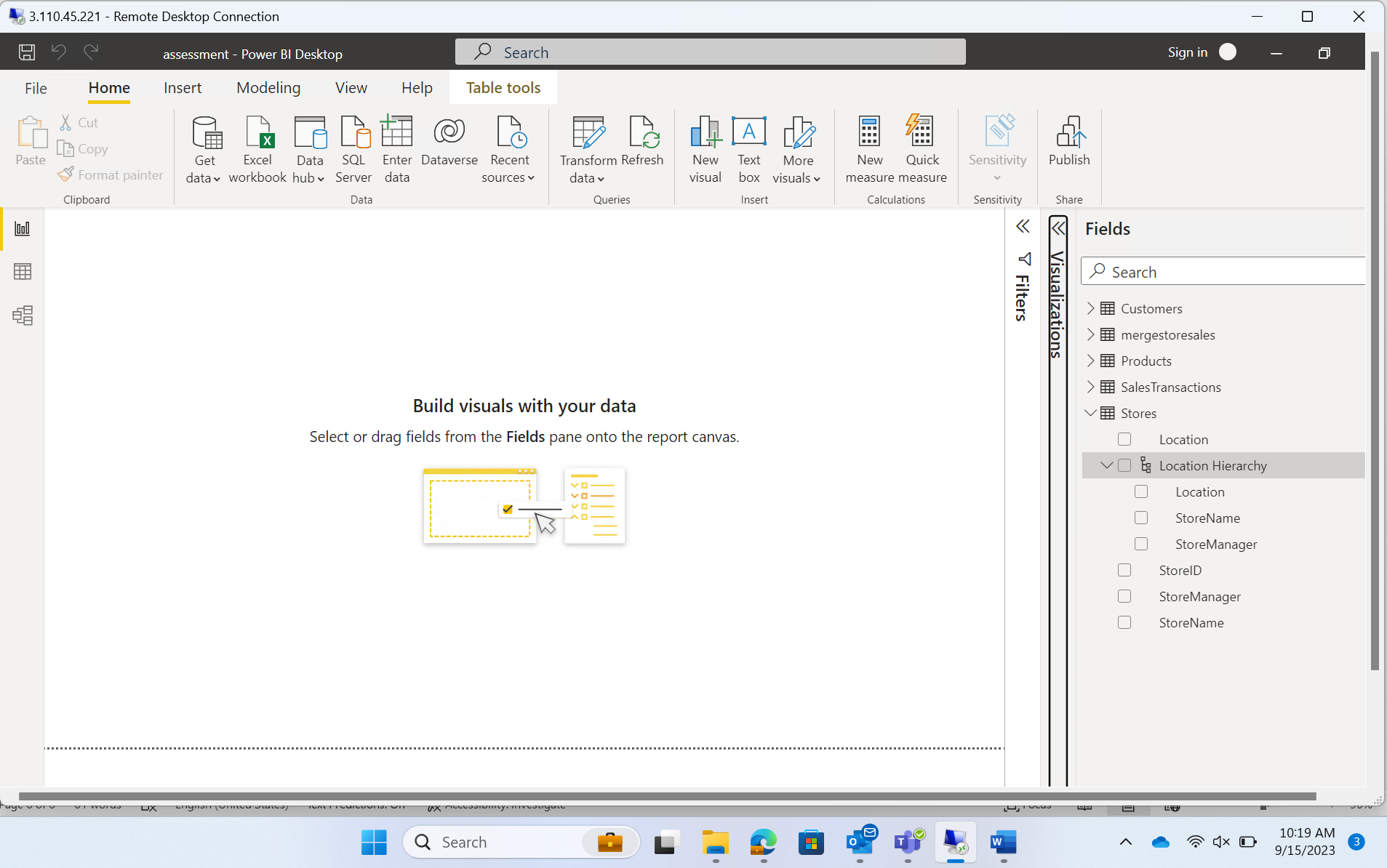
Description automatically generated

Data Modelling

Creating relationships between tables

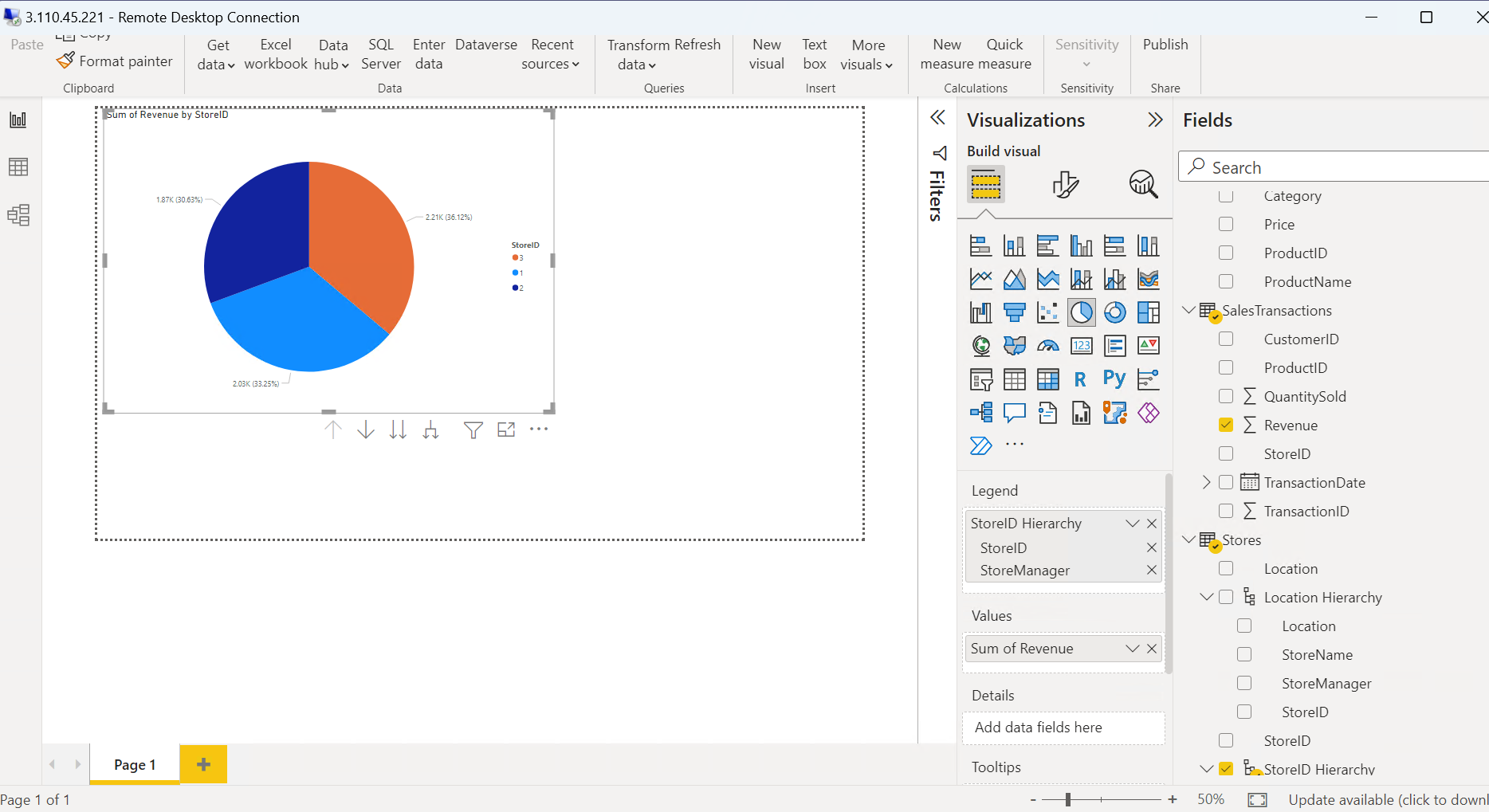


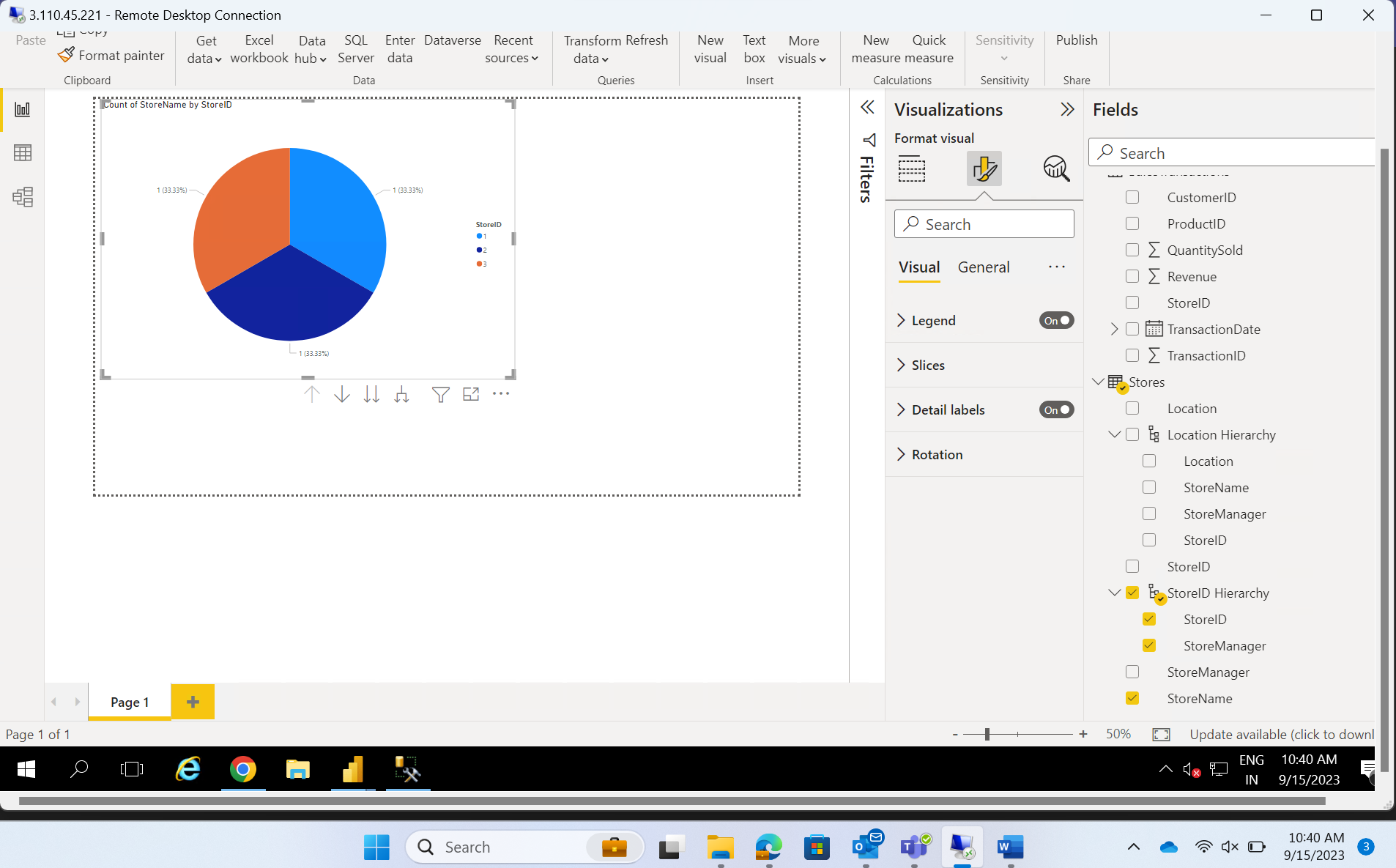
Creating hierarchies



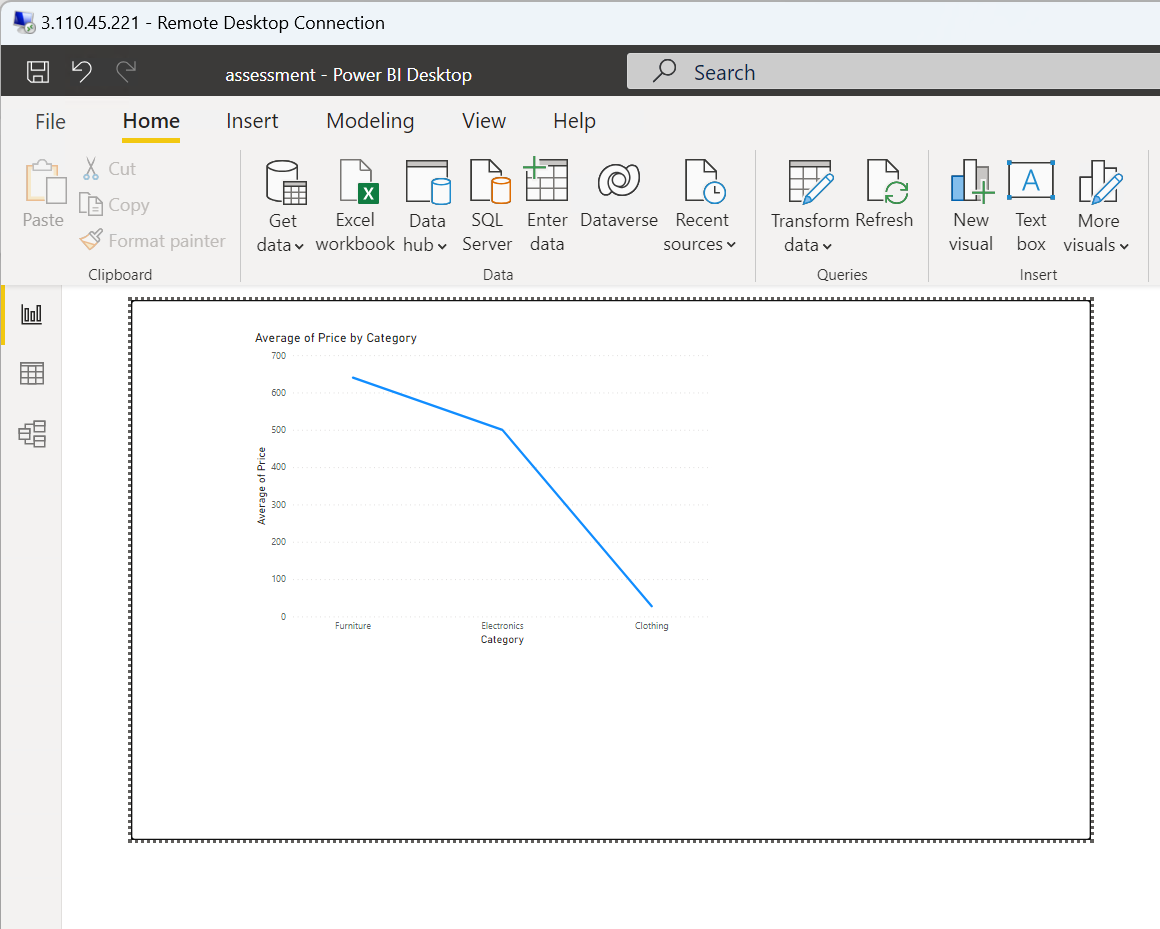
Business Queries and Analysis

1. How is sales revenue distributed among different store managers?

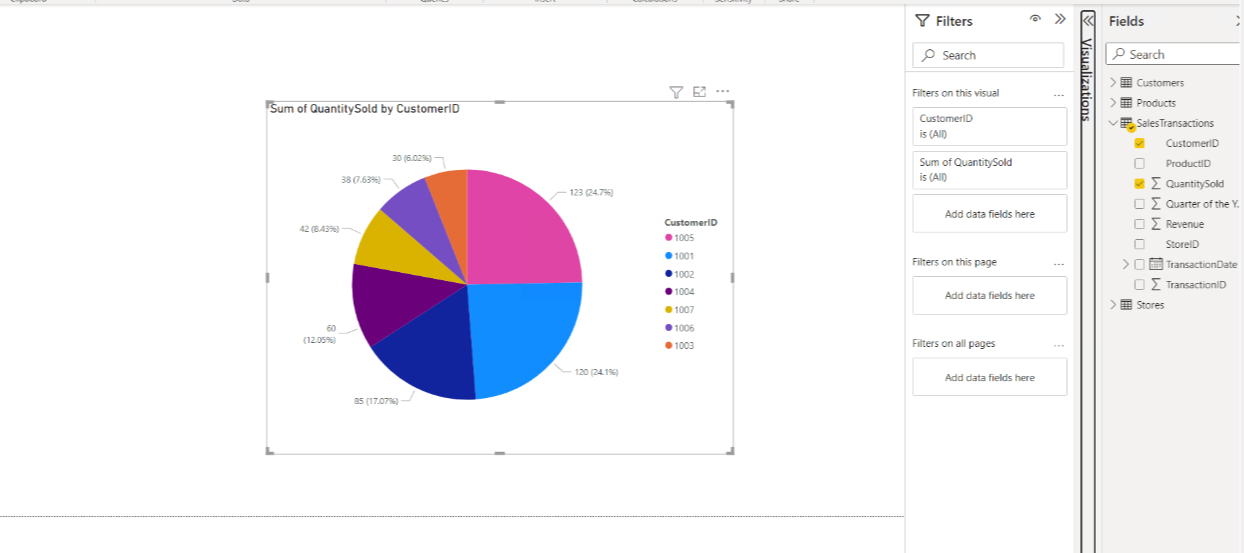




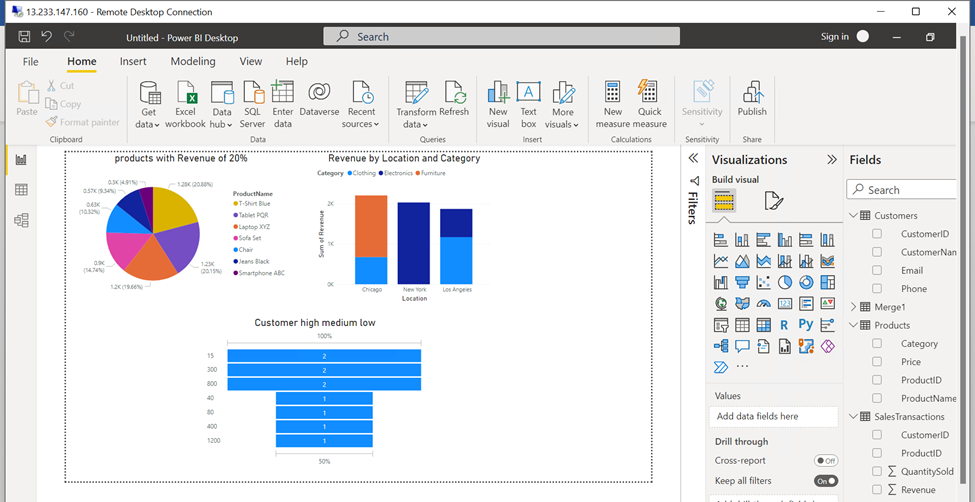
3. What is the average price of products in each category?



5. How do sales trends vary by product category on a monthly basis?



6,8,10 requirements



Requirement 5: Data Insights and Recommendations

* Tuesday has the highest sales.
* As the sales of electronics good are the highest, and customer buy the most between price ranges 15-800, the company should release more electronics products in that range.  
  there should be more sales on Tuesday and on the months when sales are the highest i.e. 4*th* and 9*th* months.