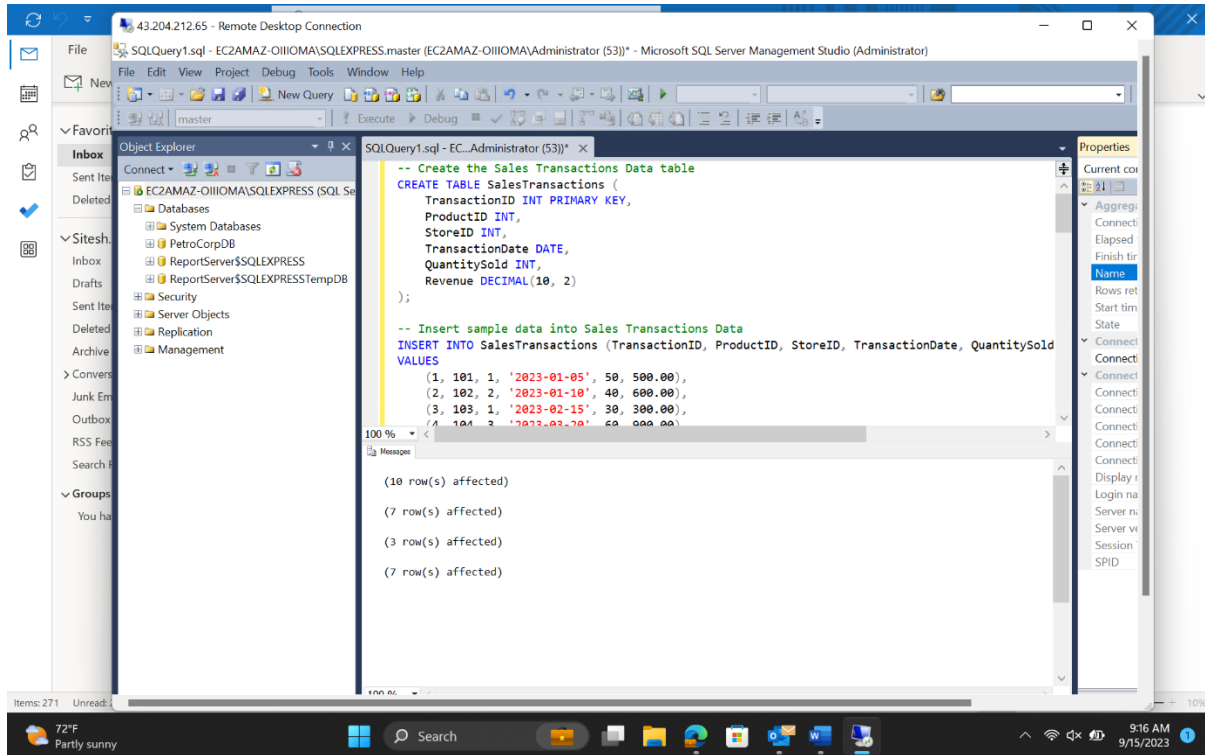
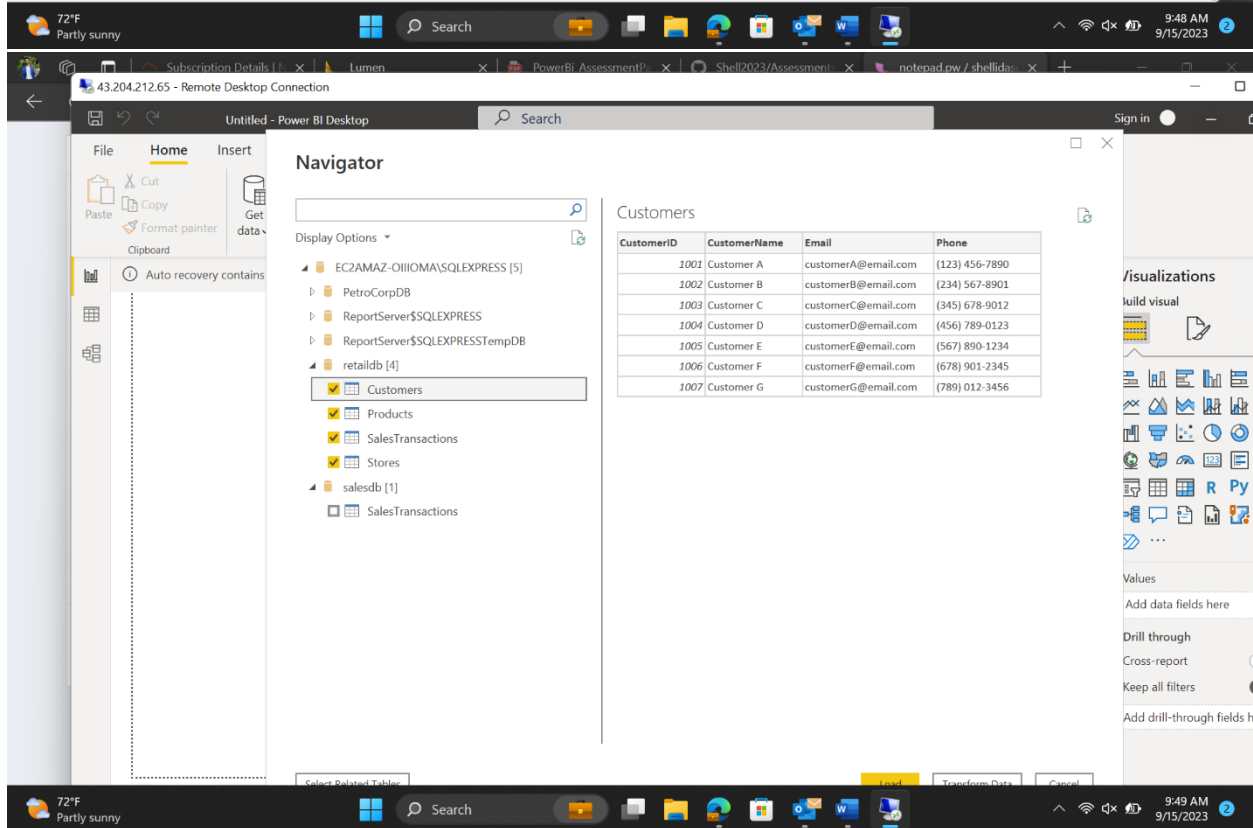
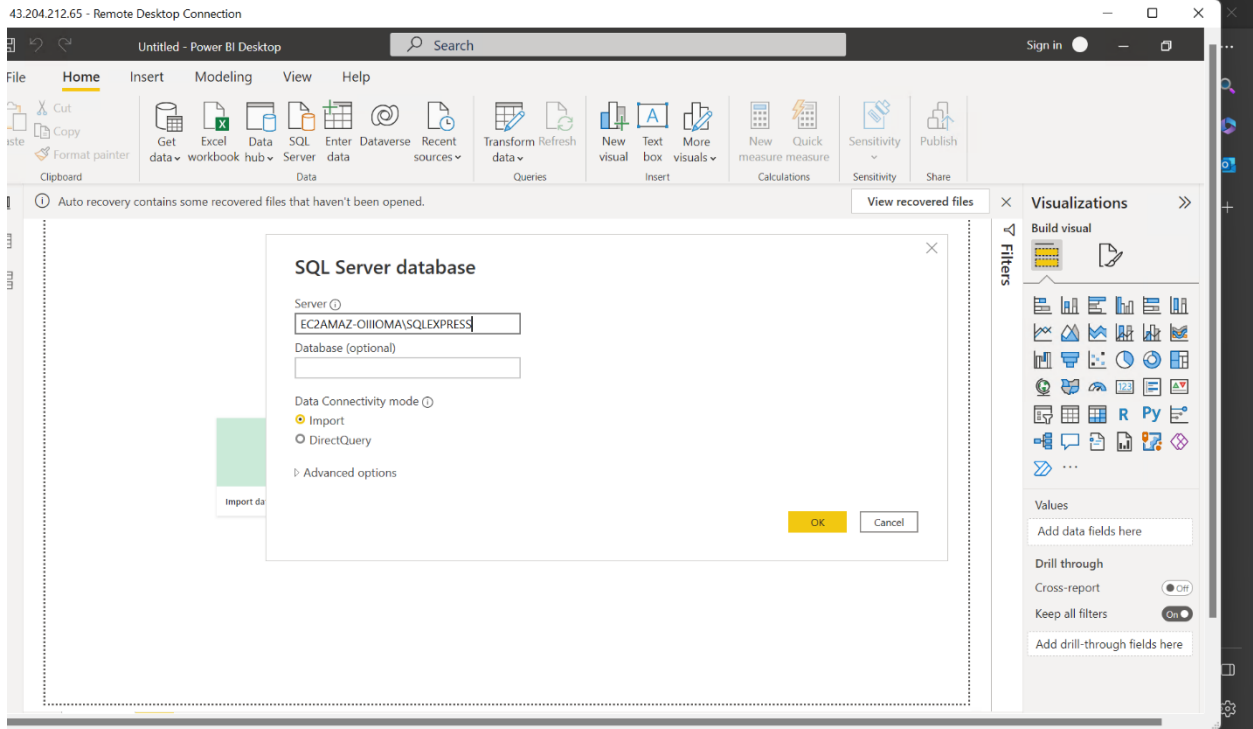
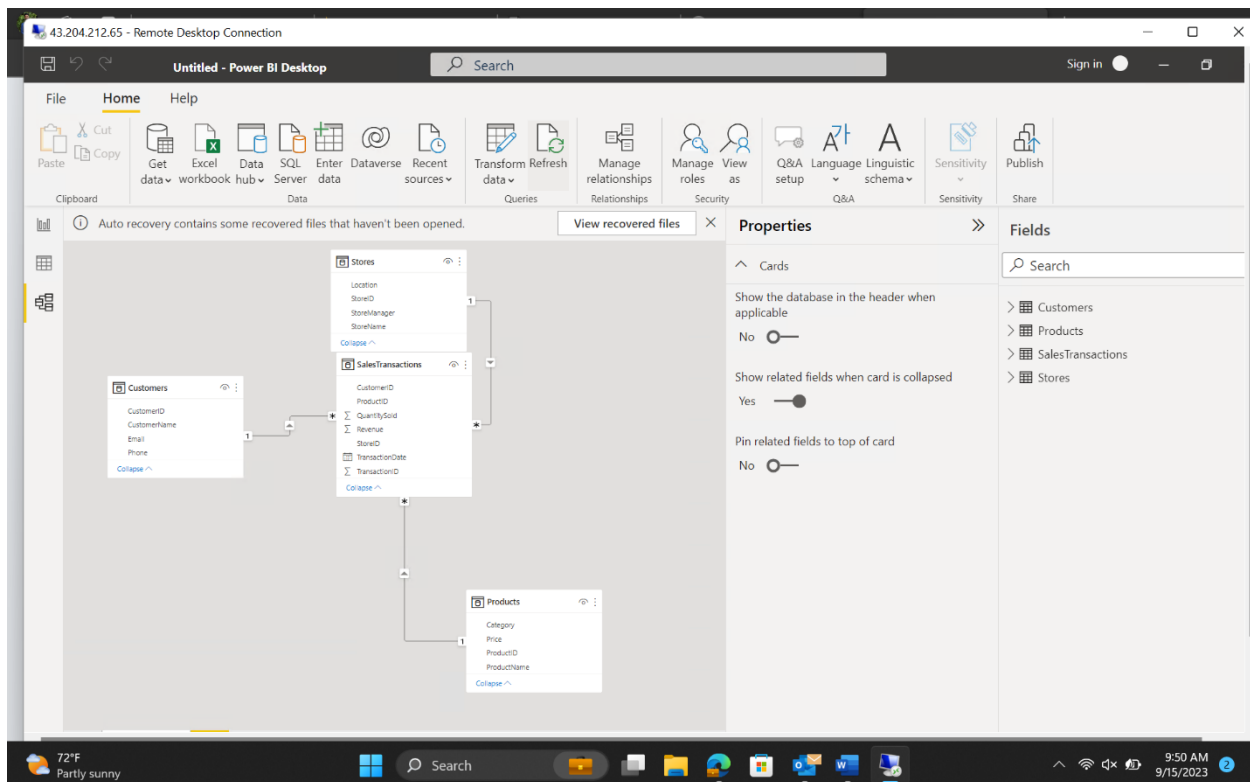


## Requirement 1 – (Data Loading)







## Requirement 2 – Data Transformation

Merge Tables –

204.212.65 - Remote Desktop Connection

Untitled - Power Query Editor

Home Transform Add Column View Tools Help

New Source Recent Enter Data Data source settings New Query Data Sources Parameters

Queries [4]

Stores

Products

Customers

1

2

3

StoreID

1

2

3

Products

ProductID ProductName Category Price

101 Laptop XYZ Electronics 800

102 T-Shirt Blue Clothing 15

103 Smartphone ABC Electronics 400

104 Sofa Set Furniture 1200

105 Tablet PQR Electronics 300

SalesTransactions

TransactionID ProductID StoreID CustomerID TransactionDate QuantitySold Revenue

1 101 1 1001 1/5/2023 50 500

2 102 2 1002 1/10/2023 40 600

3 103 1 1003 2/15/2023 30 300

4 104 3 1004 3/20/2023 60 900

5 101 2 1001 4/25/2023 70 700

Join Kind

Left Outer (all from first, matching from second)

☐ Use fuzzy matching to perform the merge

☐ Fuzzy matching options

Similarity threshold (optional)

☒ Ignore case

☒ Match by combination text marks

Merge

Select tables and matching columns to create a merged table.

Products

SalesTransactions

Query Settings

PROPERTIES

Name

Stores

All Properties

APPLIED STEPS

Source

Navigation

72°F Partly sunny

Search

9:51 AM 9/15/2023

## Clean Data –

Screenshots

43.204.212.65 - Remote Desktop Connection

BootCamp15 - Power Query Editor

File Home Transform Add Column View Tools Help

New Source Recent Enter Data Data source settings New Query Data Sources Parameters

Queries [5]

Stores

SalesTransactions

Products

Customers

Sales T and Products Tab...

1

2

3

4

5

6

7

8

9

10

TransactionID ProductID StoreID CustomerID TransactionDate

1 1 101 1 1001 1/5/2023

2 2 102 2 1002 1/10/2023

3 3 103 1 1003 2/15/2023

4 4 104 3 1004 3/20/2023

5 5 101 2 1001 4/25/2023

6 6 102 3 1002 5/30/2023

7 7 105 1 1005 6/5/2023

8 8 106 2 1006 7/10/2023

9 9 107 3 1007 8/15/2023

10 10 105 1 1005 9/20/2023

Table.RemoveColumns("#Inserted Text Before Delimiter1",{"Text Before Delimiter"})

Query Settings

PROPERTIES

Name

SalesTransactions

All Properties

APPLIED STEPS

Source

Navigation

Removed Duplicates

Duplicated Column

Renamed Columns

Replaced Value1

Replaced Value2

Replaced Value3

Replaced Value4

Replaced Value5

Replaced Value6

Replaced Value7

Replaced Value8

Replaced Value9

Renamed Columns1

Inserted Text Before Delim...

Removed Columns

Inserted Text Before Delim...

72°F Partly sunny

Search

10:58 AM 9/15/2023

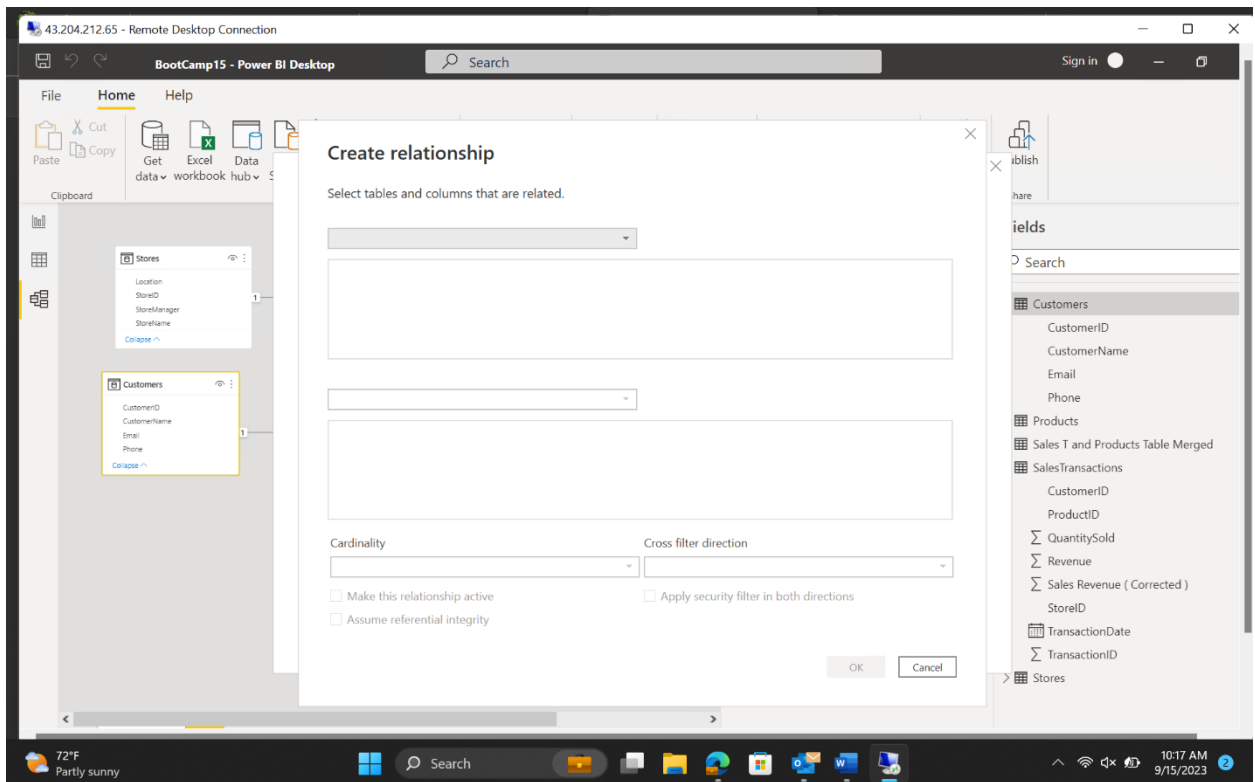
## Create Calculated Columns –

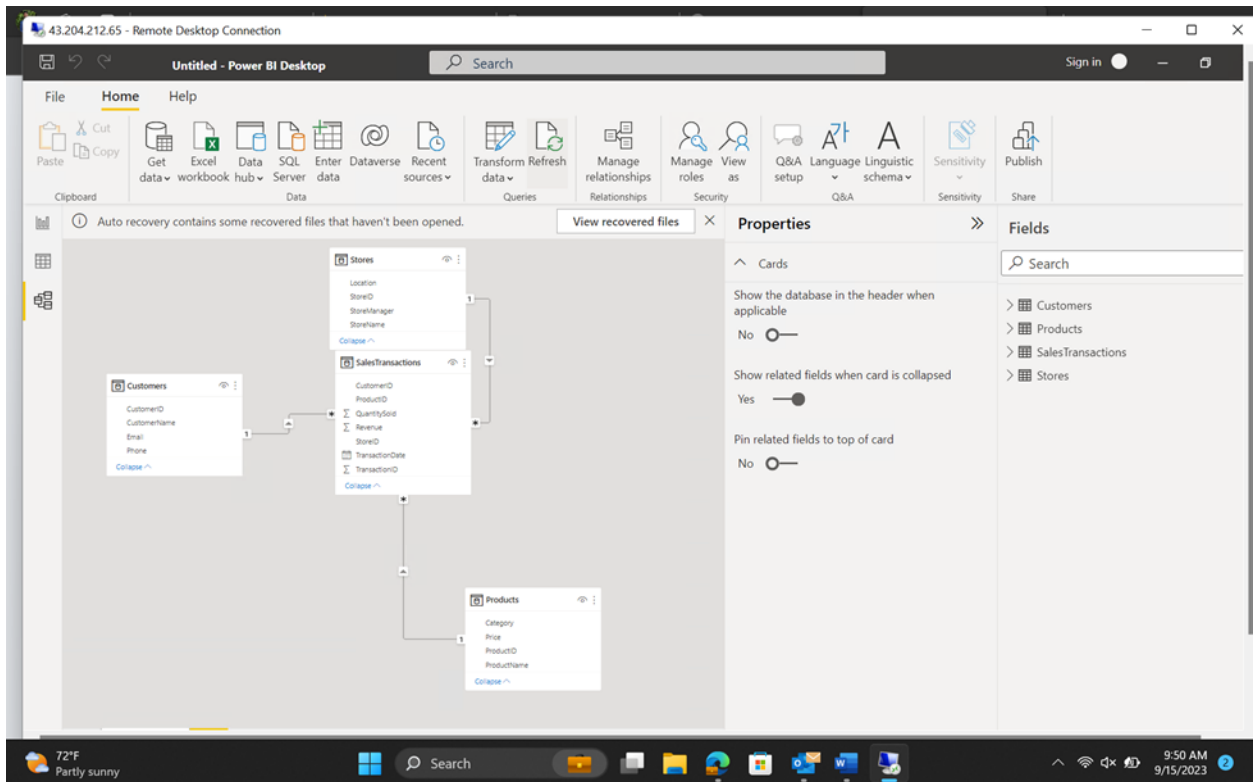
imiter"}}))

1.2 Sales Revenue ( Corrected )	
	40000
	600
	12000
	72000
	56000
	675
	16500
	1520
	3360
	20400

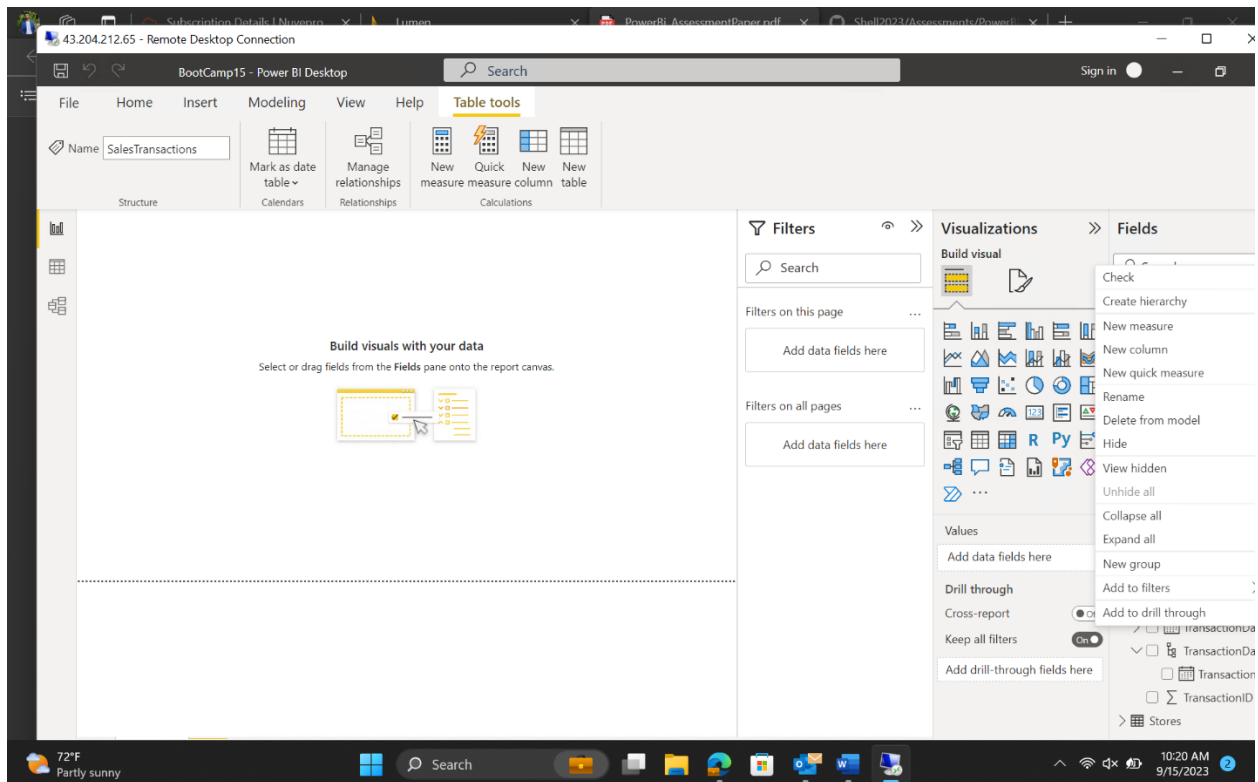
## Data Modelling –

### 1. Create Relationships



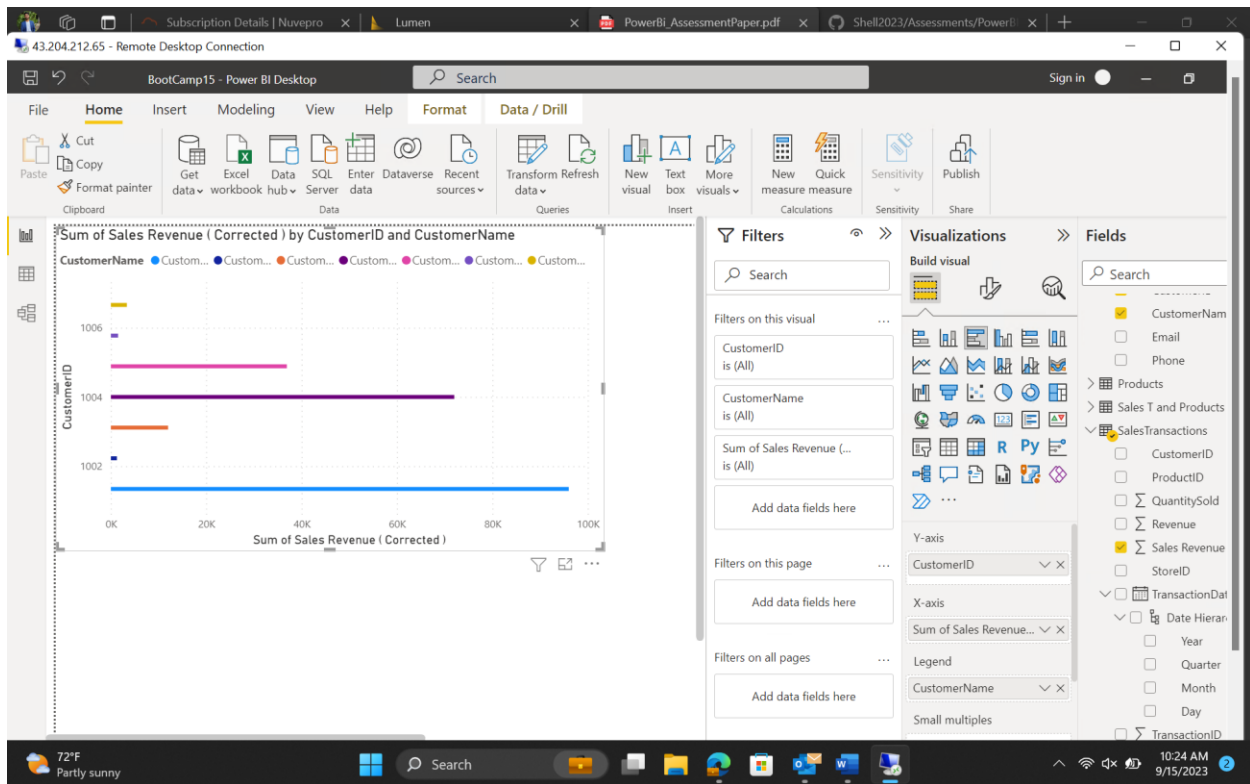


Create Hierarchies –



Business Queries And Analysis –

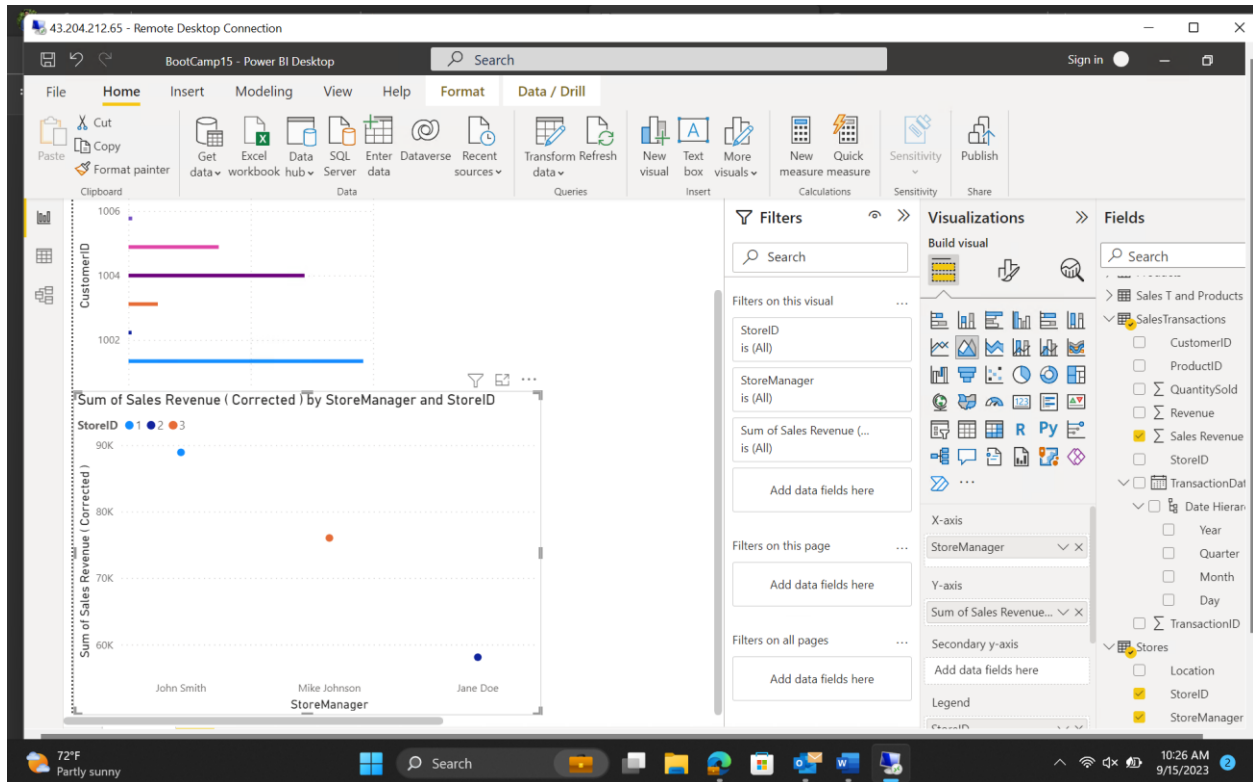
1.



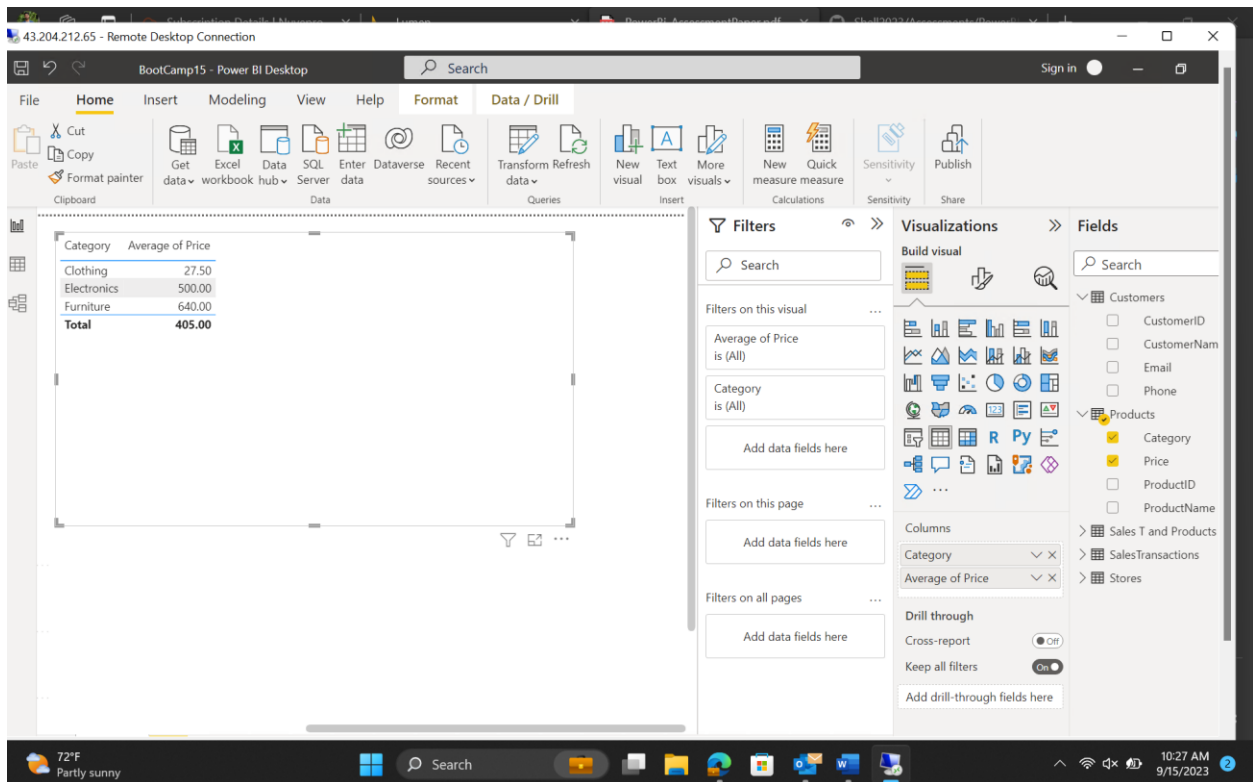
Customers who are top spending are Customer 1, Customer 4, and Customer 5



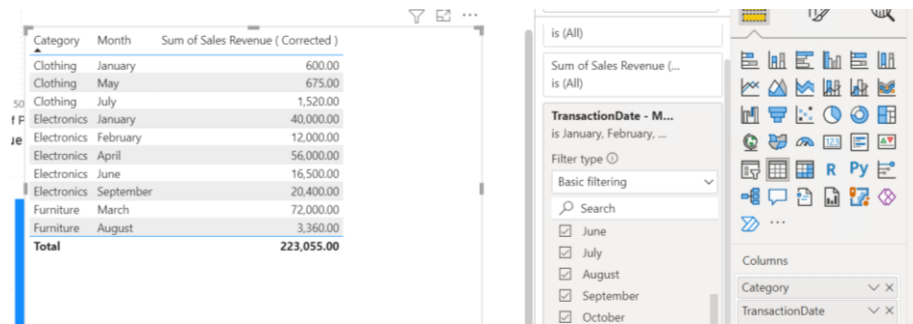
2.



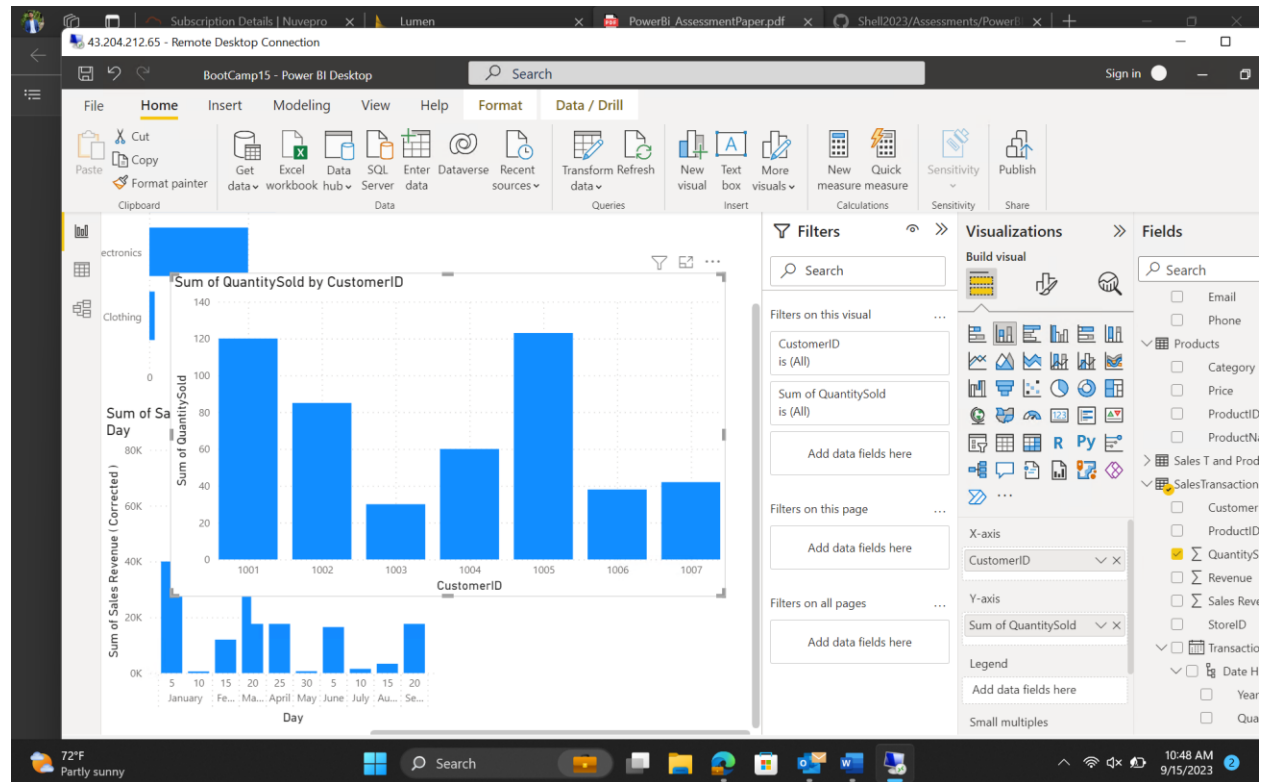
3.



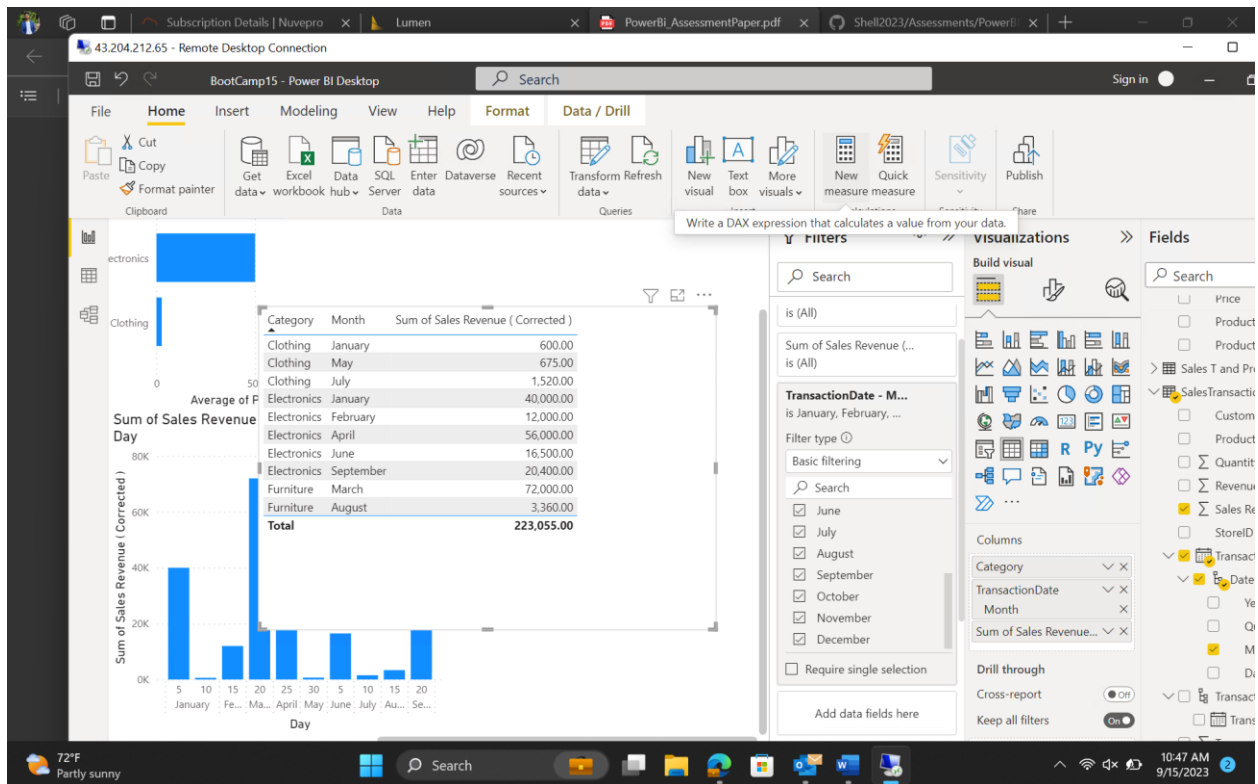
5.



6.



7.



8

