

Power BI - Hands-On Assessment

Requirement 1: Data Loading

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. A query window titled "SQLQuery2.sql" is open, displaying T-SQL code to create a database named "RetailAssessment" and a table named "SalesTransactions". The "Messages" pane shows successful execution with 10 rows affected. The "Properties" pane on the right displays connection details for the current session.

```
create database RetailAssessment;
go

use RetailAssessment;
go

CREATE TABLE SalesTransactions (
    TransactionID INT PRIMARY KEY,
    ...
)
```

Properties

Current connection parameters

Aggregate Status

- Connection failure
- Elapsed time 00:00:01.285
- Finish time 9/15/2023 9:55:15 AM
- Name EC2AMAZ-OIIIOAMA
- Rows returned 0
- Start time 9/15/2023 9:55:14 AM
- State Open

Connection

- Connection name EC2AMAZ-OIIIOAMA

Connection Details

- Connection elapsed 00:00:01.285
- Connection finish 9/15/2023 9:55:15 AM
- Connection rows 0
- Connection start 9/15/2023 9:55:14 AM
- Connection state Open
- Display name EC2AMAZ-OIIIOAMA
- Login name EC2AMAZ-OIIIOAMA
- Server name EC2AMAZ-OIIIOAMA
- Server version 12.0.2000

Name

The name of the connection.

The screenshot shows the Microsoft Power BI Desktop application. The "Home" tab is selected in the ribbon. The main workspace displays a placeholder for "Add data to your report" with options to import from Excel, SQL Server, or a blank table. The "Fields" pane on the right is visible, showing available data sources and filters.

File Home Insert Modeling View Help

Clipboard

Get data from:

- Excel
- Data
- SQL Server
- Enter data
- Transform data
- Refresh data
- New visual
- Text box
- More visuals
- New measure
- Quick measure
- Sensitivity
- Publish
- Share

Add data to your report

Once loaded, your data will appear in the Fields pane.

Import data from Excel Import data from SQL Server Paste data into a blank table Try a sample dataset

Get data from another source →

Visualizations

Filters

Fields

Values

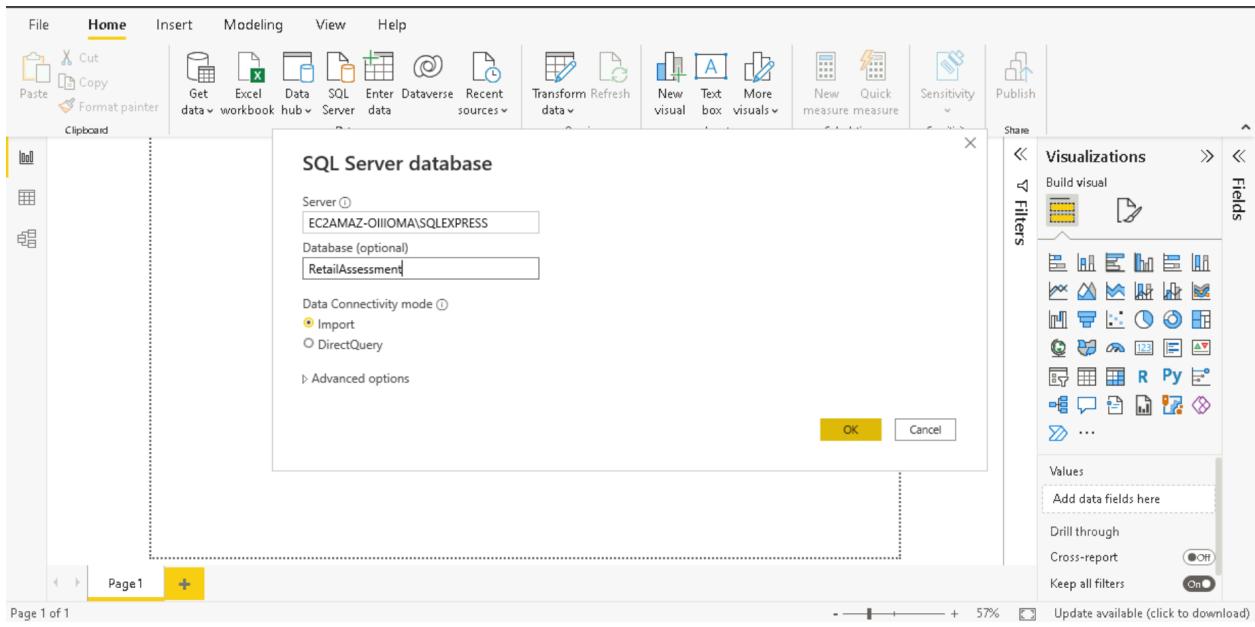
Add data fields here

Drill through

Cross-report

Keep all filters

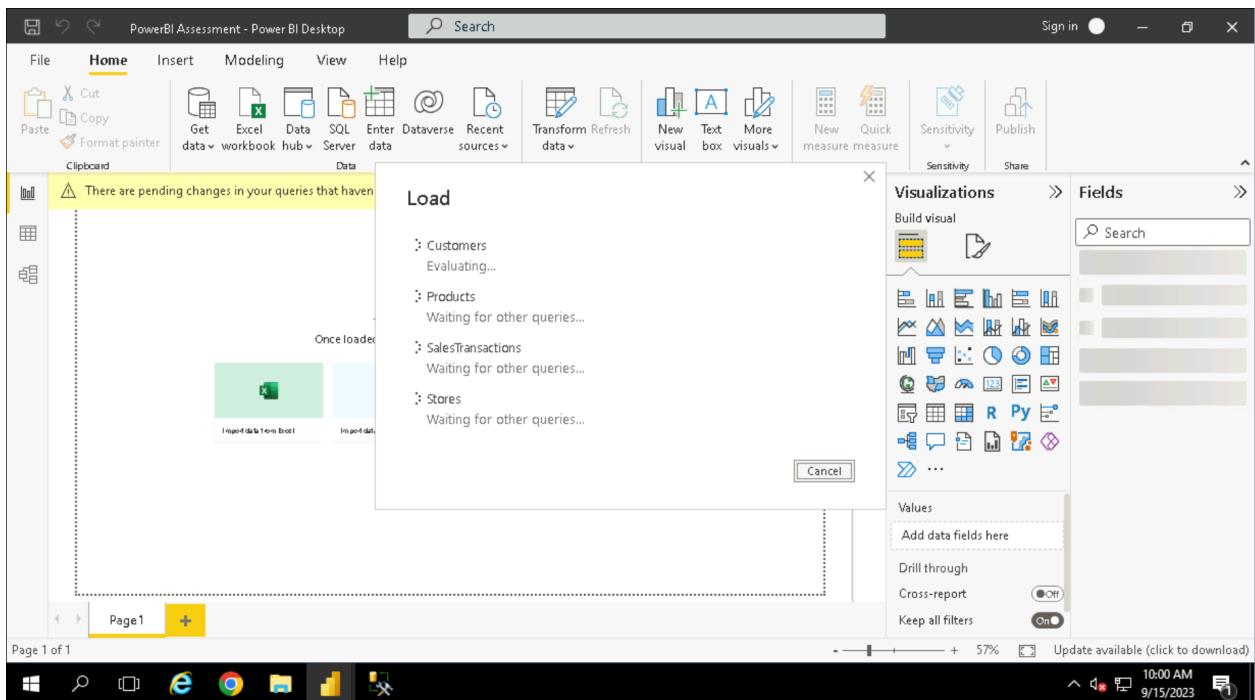
Update available (click to download)



The screenshot shows the Power BI Navigator interface. On the left, the 'Navigator' pane lists tables: 'Customers', 'Products', 'SalesTransactions', and 'Stores'. The 'Stores' table is currently selected. In the center, a preview of the 'Stores' table is shown with the following data:

StoreID	StoreName	Location	StoreManager
1	Downtown	New York	John Smith
2	Uptown	Los Angeles	Jane Doe
3	Suburbia	Chicago	Mike Johnson

On the right, there are sections for 'Visualizations' (with a 'Build visual' button) and 'Fields' (with a 'Filters' button). At the bottom right are 'Load', 'Transform Data', and 'Cancel' buttons. The status bar at the bottom indicates 'Page 1 of 1'.



The screenshot shows the Power BI Desktop interface with the 'Table tools' ribbon selected. The 'Structure' tab is active, showing a table named 'Customers' with columns: CustomerID, CustomerName, Email, and Phone. The table contains 7 rows of customer data. The 'Fields' pane on the right lists the four tables loaded earlier: Customers, Products, SalesTransactions, and Stores. The status bar at the bottom indicates it's 10:00 AM on 9/15/2023.

CustomerID	CustomerName	Email	Phone
1002	Customer A	customerA@email.com	(123) 456-7890
1002	Customer B	customerB@email.com	(234) 567-8901
1003	Customer C	customerC@email.com	(345) 678-9012
1004	Customer D	customerD@email.com	(456) 789-0123
1005	Customer E	customerE@email.com	(567) 890-1234
1006	Customer F	customerF@email.com	(678) 901-2345
1007	Customer G	customerG@email.com	(789) 012-3456

Merge

Select a table and matching columns to create a merged table.

Customers

CustomerID	CustomerName	Email	Phone
1001	Customer A	customerA@email.com	(123) 456-7890
1002	Customer B	customerB@email.com	(234) 567-8901
1003	Customer C	customerC@email.com	(345) 678-9012
1004	Customer D	customerD@email.com	(456) 789-0123
1005	Customer E	customerE@email.com	(567) 890-1234

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

✓ The selection matches 7 of 7 rows from the first table.

OK Cancel

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Merge

Select a table and matching columns to create a merged table.

Customers

CustomerID	CustomerName	Email	Phone
1001	Customer A	customerA@email.com	(123) 456-7890
1002	Customer B	customerB@email.com	(234) 567-8901
1003	Customer C	customerC@email.com	(345) 678-9012
1004	Customer D	customerD@email.com	(456) 789-0123
1005	Customer E	customerE@email.com	(567) 890-1234

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
 Full Outer (all rows from both)
 Use fuzzy matching to perform the merge

► Fuzzy matching options

✓ The selection matches 7 of 7 rows from the first table, and 10 of 10 rows f...

OK Cancel

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Power BI Home Screen

The screenshot shows the Power BI desktop interface with the following details:

- File** tab selected.
- Home** tab selected.
- Transform** tab selected.
- Add Column**, **View**, **Tools**, and **Help** tabs are visible.
- Queries [4]** pane on the left lists: Customers, Products, SalesTransactions, and Stores.
- Table** view showing the result of the query: `= Table.ExpandTableColumn(#"Merged Queries", "SalesTransactions", {"ProductID"})`. The table has columns: OrderID, CustomerName, Email, Phone, and ProductID. Data rows are as follows:

OrderID	CustomerName	Email	Phone	ProductID
1	Customer A	customerA@email.com	(123) 456-7890	101
2	Customer A	customerA@email.com	(123) 456-7890	101
3	Customer B	customerB@email.com	(234) 567-8901	102
4	Customer B	customerB@email.com	(234) 567-8901	102
5	Customer C	customerC@email.com	(345) 678-9012	103
6	Customer D	customerD@email.com	(456) 789-0123	104
7	Customer E	customerE@email.com	(567) 890-1234	105
8	Customer E	customerE@email.com	(567) 890-1234	105
9	Customer F	customerF@email.com	(678) 901-2345	106
10	Customer G	customerG@email.com	(789) 012-3456	107
- Transform** ribbon bar includes: Close & Apply, New Source, Recent Sources, Enter Data, Data Sources, Data source settings, Manage Parameters, Refresh Preview, Advanced Editor, Manage Columns, Manage Rows, Sort, Split Column, Group By, Replace Values, and Data type: Whole Number.
- AI Insights** ribbon bar includes: Text Analytics, Vision, Azure Machine Learning, and AI Insights.
- Query Settings** pane on the right shows the query properties: Name (Customers), All Properties, and Applied Steps (Source, Navigation, Merged Queries, Expanded SalesTransactions).
- PREVIEW DOWNLOADED AT 10:04 AM**

Power BI Merge Screen

The screenshot shows the Power BI desktop interface with the following details:

- Merge** dialog box is open, showing the selection of two tables for merging:

 - Products** table (selected): `ProductID, ProductName, Category, Price`
 - SalesTransactions** table: `TransactionID, ProductID, StoreID, CustomerID, TransactionDate, QuantitySold, Revenue`

- Join Kind**: Left Outer (all from first, matching from second)
- Options**:
 - Use fuzzy matching to perform the merge
 - Fuzzy matching options
 - OK** and **Cancel** buttons
- Properties** pane on the right shows the query properties: Name (Products), All Properties, and Applied Steps (Source, Navigation).
- PREVIEW DOWNLOADED AT 9:59 AM**

PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Queries [4]

Products

ID	ProductName	Category	Price	QuantitySold
101	Laptop XYZ	Electronics	800	50
101	Laptop XYZ	Electronics	800	70
102	T-Shirt Blue	Clothing	15	40
102	T-Shirt Blue	Clothing	15	45
103	Smartphone ABC	Electronics	400	30
104	Sofa Set	Furniture	1200	60
105	Tablet PQR	Electronics	300	55
105	Tablet PQR	Electronics	300	68
106	Jeans Black	Clothing	40	38
107	Chair	Furniture	80	42

Query Settings

PROPERTIES
Name: Products
All Properties

APPLIED STEPS
Source: Navigation
Navigation: Merged Queries
Merged Queries: Expanded SalesTransactions

5 COLUMNS, 10 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 10:06 AM

PowerBI Assessment - Power Query

Merge

Select a table and matching columns to create a merged table.

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

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

Join Kind: Left Outer (all from first, matching from second)
 Use fuzzy matching to perform the merge
 Fuzzy matching options
✓ The selection matches 10 of 10 rows from the first table.

Query Settings

PROPERTIES
Name: SalesTransactions
All Properties

APPLIED STEPS
Source: Navigation

7 COLUMNS, 10 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 9:59 AM

PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Data Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Manage Columns Manage Rows Sort Split Column Group By Replace Values Data Type: Decimal Number Use First Row as Headers Transform Close New Query Data Sources Parameters Query

Queries [4]

SalesTransactions

ierID	TransactionDate	QuantitySold	Revenue	Price
1	1/5/2023	50	500	800
2	1002	40	600	15
3	1003	30	300	400
4	1004	60	900	1200
5	1001	70	700	800
6	1002	45	675	15
7	1005	55	550	300
8	1006	38	570	40
9	1007	42	630	80
10	1005	68	680	300

8 COLUMNS, 10 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 10:07 AM

Query Settings

PROPERTIES
Name: SalesTransactions
All Properties

APPLIED STEPS
Source, Navigation, Merged Queries, Expanded Products

PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Data Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Manage Columns Manage Rows Sort Split Column Group By Replace Values Data Type: Whole Number Use First Row as Headers Transform Close New Query Data Sources Parameters Query

Queries [4]

SalesTransactions

ierID	TransactionDate	QuantitySold	Revenue	Price
1	1/5/2023	50	500	800
2	1002	40	600	15
3	1003	30	300	400
4	1004	60	900	1200
5	1001	70	700	800
6	1002	45	675	15
7	1005	55	550	300
8	1006	38	570	40
9	1007	42	630	80
10	1005	68	680	300

8 COLUMNS, 10 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 10:07 AM

Query Settings

PROPERTIES
Name: SalesTransactions
All Properties

APPLIED STEPS
Source, Navigation, Merged Queries, Expanded Products, Changed Type

Merge

Select a table and matching columns to create a merged table.

SalesTransactions

TransactionID	ProductID	StoreID	CustomerID	TransactionDate	QuantitySold	Revenue	Price
1	101	1	1001	1/5/2023	50	500	800
2	102	2	1002	1/10/2023	40	600	15
3	103	1	1003	2/15/2023	30	300	400
4	104	3	1004	3/20/2023	60	900	1200
5	101	2	1001	4/25/2023	70	700	800

Customers

CustomerID	CustomerName	Email	Phone
1001	Customer A	customerA@email.com	(123) 456-7890
1002	Customer B	customerB@email.com	(234) 567-8901
1003	Customer C	customerC@email.com	(345) 678-9012
1004	Customer D	customerD@email.com	(456) 789-0123
1005	Customer E	customerE@email.com	(567) 890-1234

Join Kind: Left Outer (all from first, matching from second)

Use fuzzy matching to perform the merge

Fuzzy matching options

The selection matches 10 of 10 rows from the first table.

OK Cancel

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PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Queries [4]

SalesTransactions

Revenue	Price	CustomerName	Email	Phone
500	800	Customer A	customerA@email.com	(123) 456-7890
700	800	Customer A	customerA@email.com	(123) 456-7890
600	15	Customer B	customerB@email.com	(234) 567-8901
675	15	Customer B	customerB@email.com	(234) 567-8901
300	400	Customer C	customerC@email.com	(345) 678-9012
900	1200	Customer D	customerD@email.com	(456) 789-0123
550	300	Customer E	customerE@email.com	(567) 890-1234
570	40	Customer F	customerF@email.com	(678) 901-2345
630	80	Customer G	customerG@email.com	(789) 012-3456
680	300	Customer E	customerE@email.com	(567) 890-1234

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PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Data Data source settings Manage Parameters Refresh Preview Properties Advanced Editor Manage Columns Manage Rows Sort Split Column Group By Replace Values Data Type: Whole Number Use First Row as Headers Transform

Queries [4]

Customers Products SalesTransactions Stores

	CustomerID	TransactionDate	QuantitySold	Revenue
1	1001	1/5/2023	50	
2	1001	4/25/2023	70	
3	1002	1/10/2023	40	
4	1002	5/30/2023	45	
5	1003	2/15/2023	30	
6	1004	3/20/2023	60	
7	1005	6/5/2023	55	
8	1006	7/10/2023	38	
9	1007	8/15/2023	42	
10	1005	9/20/2023	68	

11 COLUMNS, 10 ROWS Column profiling based on top 1000 rows

Query Settings

PROPERTIES

- Name: SalesTransactions
- All Properties

APPLIED STEPS

- Source
- Navigation
- Merged Queries
- Expanded Products
- Changed Type
- Merged Queries1
- Expanded Customers

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PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Column From Examples Custom Column Invoke Custom Function Duplicate

Conditional Column Index Column Extract Trigonometry Rounding Date Time Duration

Custom Column

Add a column that is computed from the other columns.

New column name: Revenue

Custom column formula: = valueValue.Multiply([QuantitySold],[Price])

Available columns:

- TransactionID
- ProductID
- StoreID
- CustomerID
- TransactionDate
- QuantitySold
- Price

<< Insert OK Cancel

Learn about Power Query formulas

No syntax errors have been detected.

10 COLUMNS, 10 ROWS Column profiling based on top 1000 rows

Query Settings

PROPERTIES

- Name: SalesTransactions
- All Properties

APPLIED STEPS

- Source
- Navigation
- Merged Queries
- Expanded Products
- Changed Type
- Merged Queries1
- Expanded Customers

Removed Columns

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PowerBI Assessment - Power Query Editor

Custom Column

Add a column that is computed from the other columns.

New column name: Revenue

Custom column formula:

```
= Value.Multiply([QuantitySold], [Price])
```

Available columns:

- TransactionID
- ProductID
- StoreID
- CustomerID
- TransactionDate
- QuantitySold
- Price

Learn about Power Query formulas

No syntax errors have been detected.

APPLIED STEPS

- Source
- Navigation
- Merged Queries
- Expanded Products
- Changed Type
- Merged Queries1
- Expanded Customers
- Removed Columns

Query Settings

Name: SalesTransactions

PROPERTIES

Name: SalesTransactions

All Properties

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PowerBI Assessment - Power Query Editor

Table

Queries [4]

	CustomerName	Email	Phone	Revenue
1	800 Customer A	customerA@email.com	(123) 456-7890	40000
2	800 Customer A	customerA@email.com	(123) 456-7890	56000
3	15 Customer B	customerB@email.com	(234) 567-8901	600
4	15 Customer B	customerB@email.com	(234) 567-8901	675
5	400 Customer C	customerC@email.com	(345) 678-9012	12000
6	1200 Customer D	customerD@email.com	(456) 789-0123	72000
7	300 Customer E	customerE@email.com	(567) 890-1234	16500
8	40 Customer F	customerF@email.com	(678) 901-2345	1520
9	80 Customer G	customerG@email.com	(789) 012-3456	3360
10	300 Customer E	customerE@email.com	(567) 890-1234	20400

11 COLUMNS, 10 ROWS Column profiling based on top 1000 rows

APPLIED STEPS

- Source
- Navigation
- Merged Queries
- Expanded Products
- Changed Type
- Merged Queries1
- Expanded Customers
- Removed Columns
- Added Custom

Query Settings

Name: SalesTransactions

PROPERTIES

Name: SalesTransactions

All Properties

PREVIEW DOWNLOADED AT 10:07 AM

Edit relationship

Select tables and columns that are related.

SalesTransactions

TransactionID	ProductID	StoreID	CustomerID	TransactionDate	QuantitySold	Revenue	Price
1	101	1	1001	Thursday, January 5, 2023	50	40000	800
5	101	2	1001	Tuesday, April 25, 2023	70	56000	800
2	102	2	1002	Tuesday, January 10, 2023	40	600	15

Customers

CustomerID	CustomerName	Email	Phone
1001	Customer A	customerA@email.com	(123) 456-7890
1002	Customer B	customerB@email.com	(234) 567-8901
1003	Customer C	customerC@email.com	(345) 678-9012

Cardinality **Cross filter direction**

Many to one (*:1) Single

Make this relationship active Apply security filter in both directions
 Assume referential integrity

OK **Cancel**

Edit relationship

Select tables and columns that are related.

SalesTransactions

TransactionID	ProductID	StoreID	CustomerID	TransactionDate	QuantitySold	Revenue	Price
1	101	1	1001	Thursday, January 5, 2023	50	40000	800
5	101	2	1001	Tuesday, April 25, 2023	70	56000	800
2	102	2	1002	Tuesday, January 10, 2023	40	600	15

Stores

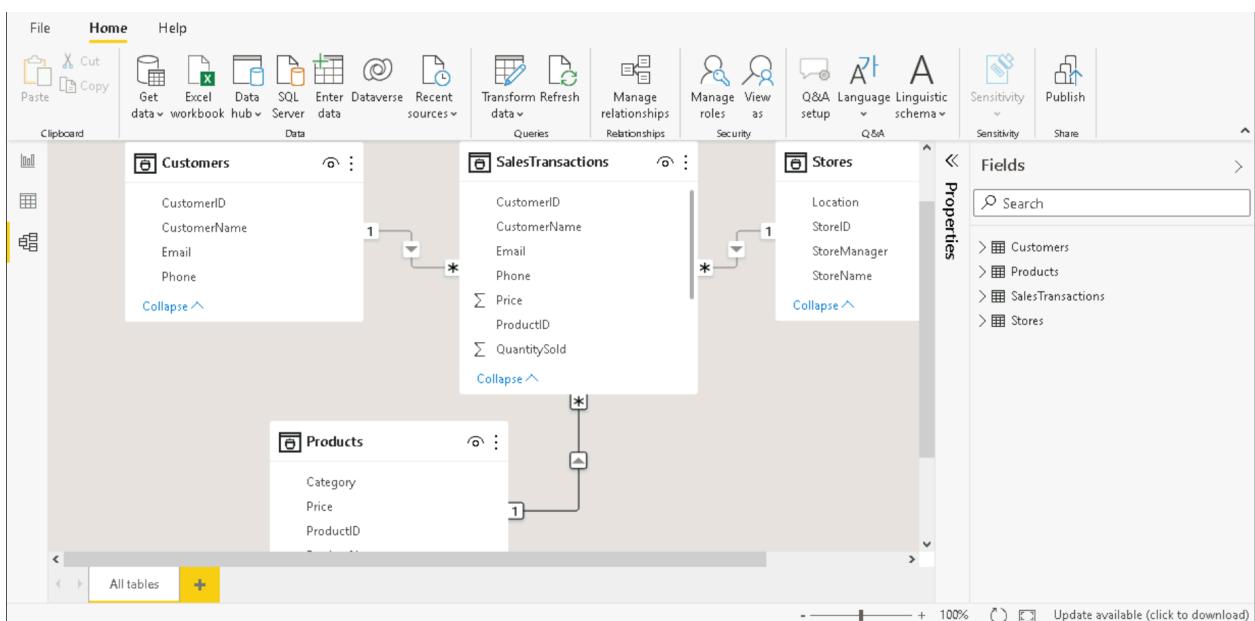
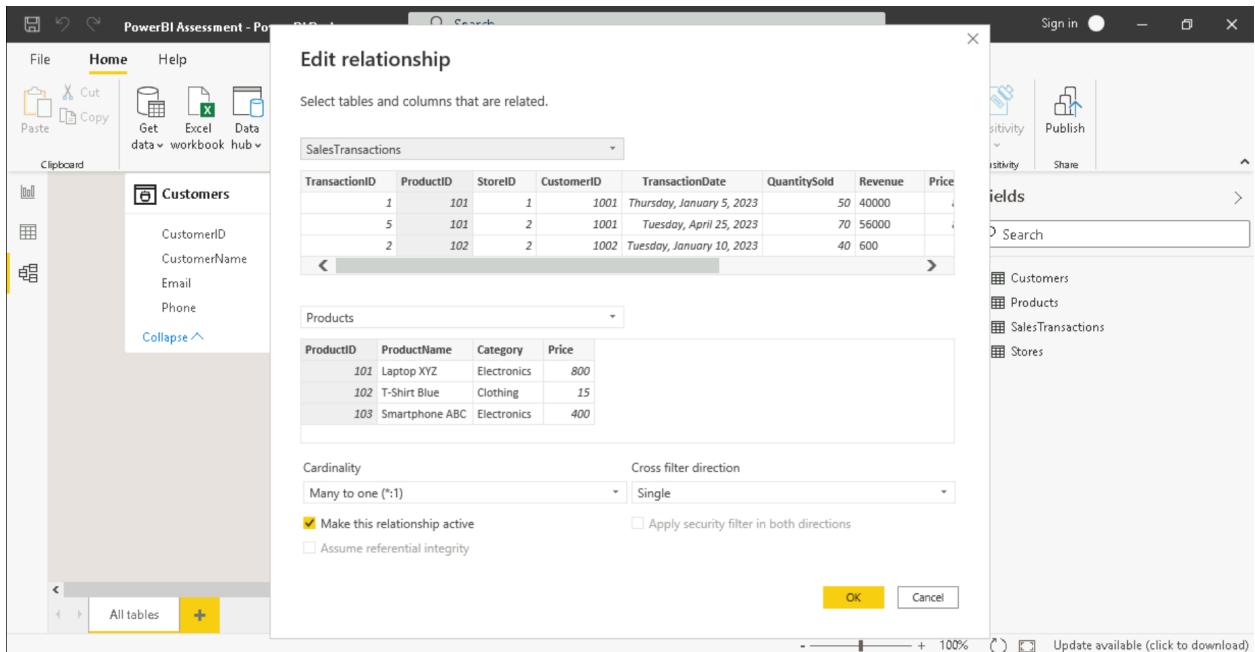
StoreID	StoreName	Location	StoreManager
1	Downtown	New York	John Smith
2	Uptown	Los Angeles	Jane Doe
3	Suburbia	Chicago	Mike Johnson

Cardinality **Cross filter direction**

Many to one (*:1) Single

Make this relationship active Apply security filter in both directions
 Assume referential integrity

OK **Cancel**



PowerBI Assessment - Power BI Desktop

File Home Help Table tools

Name Stores

Structure

Mark as date table v Calendars

Manage relationships Relationships

New Quick New measure New measure column New table Calculations

Table: Stores (3 rows)

Location Hierarchy

Fields

- Create hierarchy
- Add to hierarchy >
- New measure
- New column
- New quick measure
- Rename
- Delete from model
- Hide in report view
- Unhide all
- Collapse all
- Expand all
- New group

Update available (click to download)

The screenshot shows the Power BI Desktop interface with the 'Stores' table selected. A context menu is open over the 'Location' column, listing options like 'Create hierarchy', 'Add to hierarchy', and various data modeling actions. The table data is as follows:

StoreID	StoreName	Location	StoreManager
1	Downtown	New York	John Smith
2	Uptown	Los Angeles	Jane Doe
3	Suburbia	Chicago	Mike Johnson

PowerBI Assessment - Power BI Desktop

File Home Help Table tools

Name Stores

Structure

Mark as date table v Calendars

Manage relationships Relationships

New Quick New measure New measure column New table Calculations

Table: Stores (3 rows)

Fields

Search

> Customers

> Products

> SalesTransactions

< Stores

Location

< Location Hierarchy

Location

StoreID

StoreManager

StoreName

Update available (click to download)

This screenshot shows the same Power BI Desktop environment as the first one, but the context menu for 'Location Hierarchy' has been closed. Instead, the 'Fields' pane on the right is expanded, showing a tree view of available fields from other tables: 'Customers', 'Products', 'SalesTransactions', and 'Stores'. The 'Stores' node is expanded, revealing its own fields: 'Location', 'StoreID', 'StoreManager', and 'StoreName'. The table data remains the same as in the first screenshot.

PowerBI Assessment - Power Query Editor

File Home Transform Add Column View Tools Help

Queries [4]

SalesTransactions (Selected)

	CustomerName	Email	Phone	Revenue
1	Customer A	customerA@email.com	(123) 456-7890	40000
2	Customer A	customerA@email.com	(123) 456-7890	56000
3	Customer B	customerB@email.com	(234) 567-8901	600
4	Customer B	customerB@email.com	(234) 567-8901	675
5	Customer C	customerC@email.com	(345) 678-9012	12000
6	Customer D	customerD@email.com	(456) 789-0123	72000
7	Customer E	customerE@email.com	(567) 890-1234	16500
8	Customer F	customerF@email.com	(678) 901-2345	1520
9	Customer G	customerG@email.com	(789) 012-3456	3360
10	Customer E	customerE@email.com	(567) 890-1234	20400

Query Settings

APPLIED STEPS

- Source
- Navigation
- Merged Queries
- Expanded Products
- Changed Type
- Merged Queries1
- Expanded Customers
- Removed Columns
- Added Custom
- Changed Type1

PREVIEW DOWNLOADED AT 10:07 AM

Sum of Revenue by CustomerName

Visualizations

Fields

Filters

Visualizations

Fields

Sum of Revenue by CustomerName

CustomerName

Sum of Revenue

CustomerName

Sum of Revenue

Page 1 of 1

CustomerName Sum of Revenue

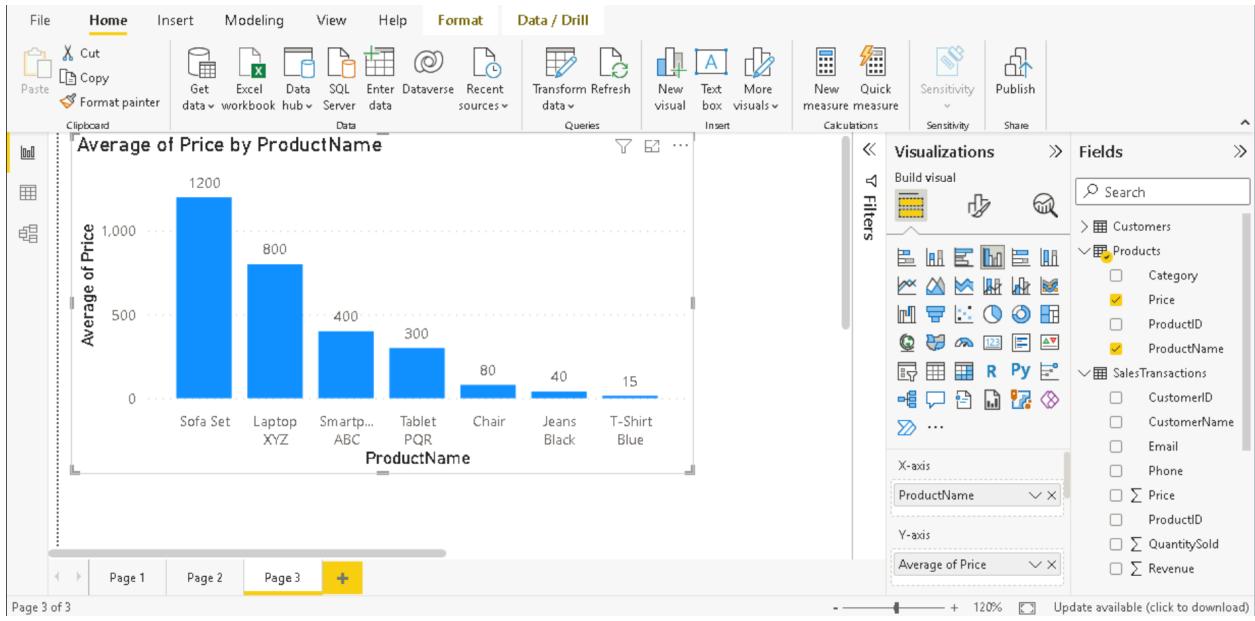
Customer A	96000
Customer D	72000
Customer E	36900
Customer C	12000
Customer G	3360
Customer F	1520
Customer B	1275
Total	223055

Page 1 of 1

Sum of Revenue by StoreManager

StoreManager	Sum of Revenue
John Smith	89K
Mike Johnson	76K
Jane Doe	58K

Page 2 of 2



PowerBI Assessment - Power Query Editor

Queries [4]

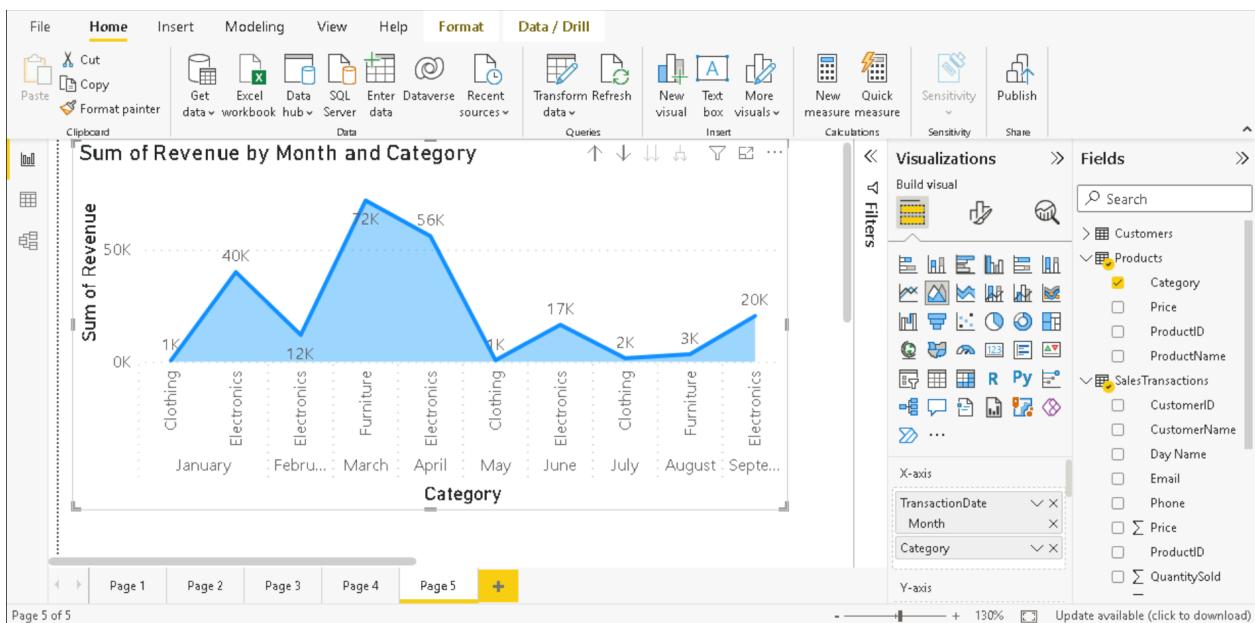
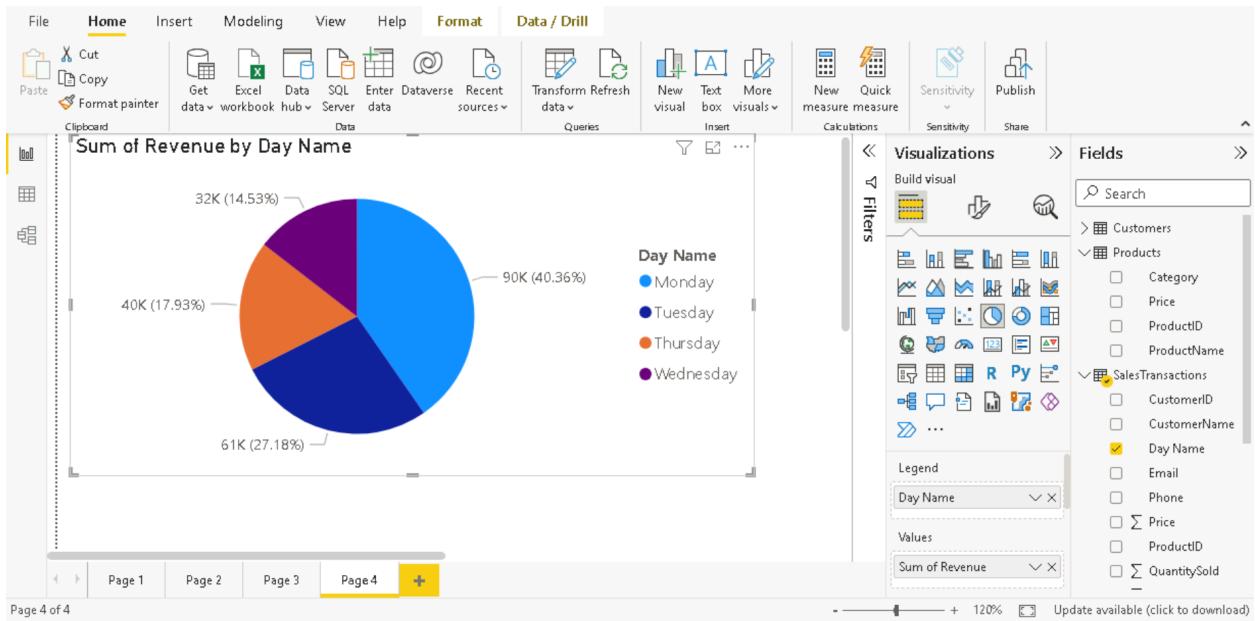
CustomerName	Email	Phone	Revenue	Day Name
customerA@email.com	(123) 456-7890		40000	Thursday
customerA@email.com	(123) 456-7890		56000	Tuesday
customerB@email.com	(234) 567-8901		600	Tuesday
customerB@email.com	(234) 567-8901		675	Tuesday
customerC@email.com	(345) 678-9012		12000	Wednesday
customerD@email.com	(456) 789-0123		72000	Monday
customerE@email.com	(567) 890-1234		16500	Monday
customerF@email.com	(678) 901-2345		1520	Monday
customerG@email.com	(789) 012-3456		3360	Tuesday
customerH@email.com	(567) 890-1234		20400	Wednesday

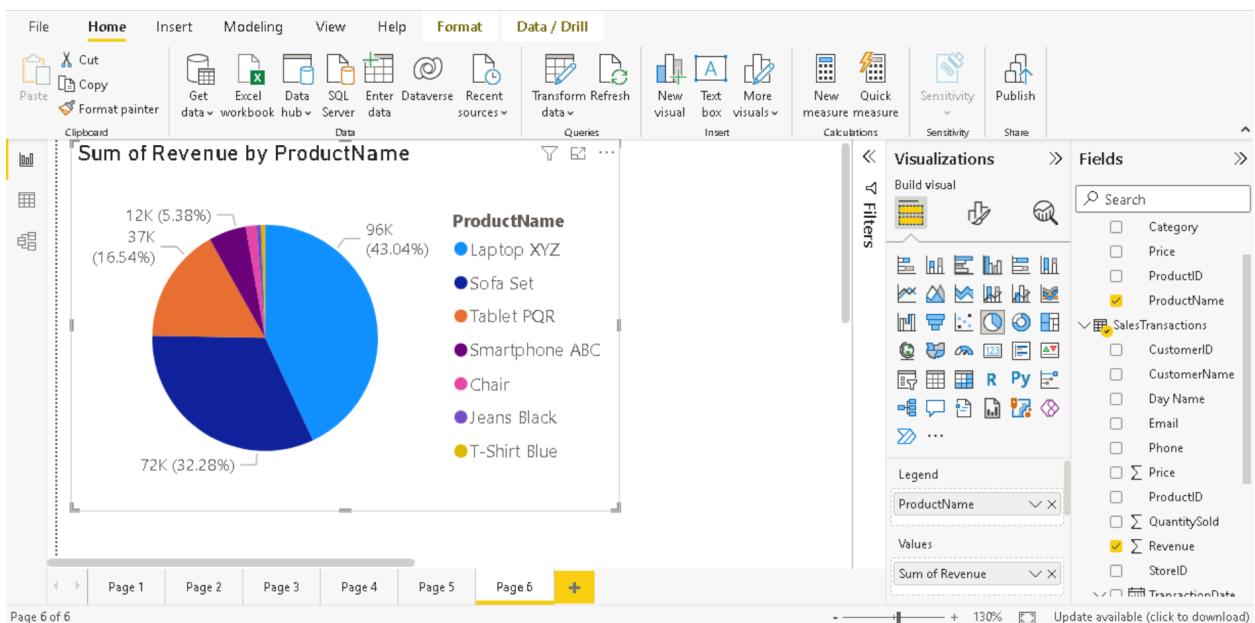
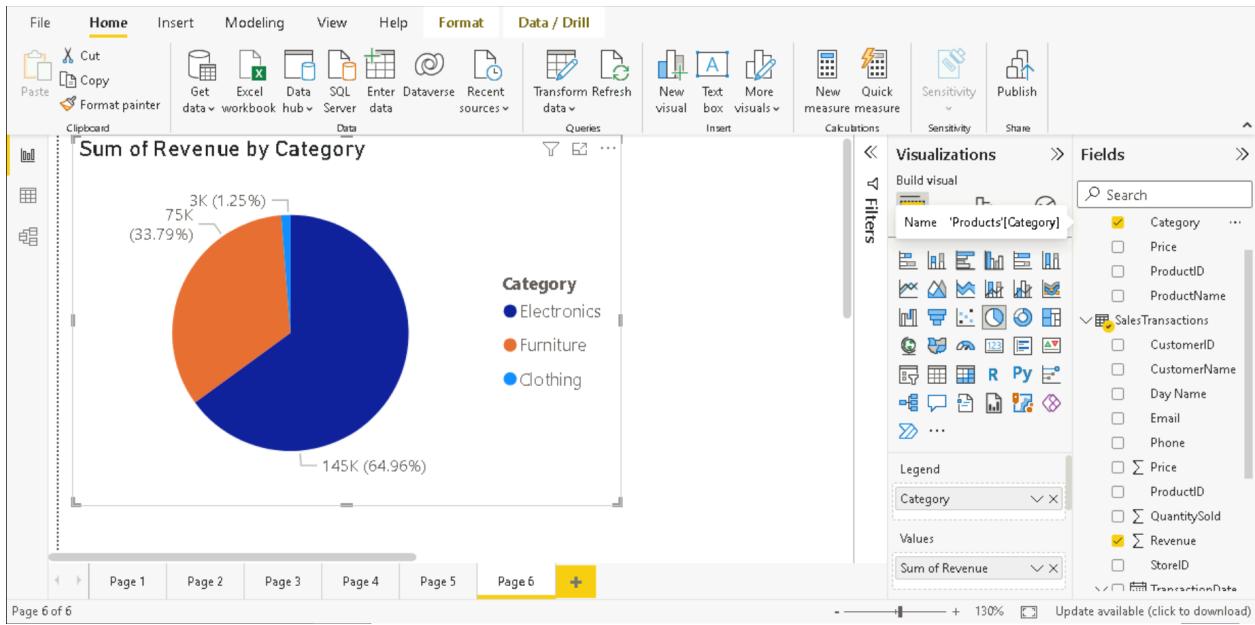
Query Settings

PROPERTIES

APPLIED STEPS

PREVIEW DOWNLOADED AT 10:07 AM





Home

The screenshot shows the Power BI desktop interface on the 'Home' tab. A table visualization is displayed with columns: CustomerName, ProductName, and Sum of QuantitySold. The data includes rows for Customer A through Customer G, with a total row at the bottom. The Fields pane on the right lists various fields from the SalesTransactions table, such as CustomerID, CustomerName, Day Name, Email, Phone, Price, ProductID, Revenue, StoreID, and TransactionDate.

CustomerName	ProductName	Sum of QuantitySold
Customer A	Laptop XYZ	120
Customer B	T-Shirt Blue	85
Customer C	Smartphone ABC	30
Customer D	Sofa Set	60
Customer E	Tablet PQR	123
Customer F	Jeans Black	38
Customer G	Chair	42
Total		498

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Format

The screenshot shows the Power BI desktop interface on the 'Format' tab. A table visualization is displayed with columns: Location, Category, and Sum of Revenue. The data includes rows for Chicago, Los Angeles, and New York, with a total row at the bottom. The Fields pane on the right shows the same set of fields as the previous screenshot, but with a specific filter applied: Revenue is checked, while other fields like CustomerID, CustomerName, Day Name, Email, Phone, Price, ProductID, StoreID, and TransactionDate are unchecked.

Location	Category	Sum of Revenue
Chicago	Clothing	675
Chicago	Furniture	75360
Los Angeles	Clothing	2120
Los Angeles	Electronics	56000
New York	Electronics	88900
Total		223055

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Screenshot of the Power BI desktop interface showing a table visualization and the Fields pane.

Table Visualization:

Month	Category	ProductName	Sum of Revenue
January	Clothing	T-Shirt Blue	600
January	Electronics	Laptop XYZ	40000
February	Electronics	Smartphone ABC	12000
March	Furniture	Sofa Set	72000
April	Electronics	Laptop XYZ	56000
May	Clothing	T-Shirt Blue	675
June	Electronics	Tablet PQR	16500
July	Clothing	Jeans Black	1520
August	Furniture	Chair	3360
September	Electronics	Tablet PQR	20400
Total			223055

Fields Pane:

- Visualizations: Build visual, New visual, Text box, More visuals, Insert.
- Filters: Filters icon.
- Fields:
 - Search bar: ProductName.
 - SalesTransactions:
 - CustomerID, CustomerName, Day.Name, Email, Phone, \sum Price, \sum ProductID, \sum QuantitySold, \sum Revenue, StoreID.
 - TransactionDate, Date.Hierarc... (selected).
 - Year (unchecked).

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