

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Whole Number Use First Row as Headers Replace Values Merge Queries Append Queries Text Analytics Vision Azure Machine Learning Combine AI Insights

Queries [5]

Query1

Product Categories Look...
Product Subcategories L...
Product Lookup
Customer Lookup

ProductKey ProductSubcategoryKey ProductSKU ProductName ModelName

1	214	31	HL-U509-R	Sport-100 Helmet, Red	Sport-100
2	215	31	HL-U509	Sport-100 Helmet, Black	Sport-100
3	218	23	SO-B909-M	Mountain Bike Socks, M	Mountain Bike Sock
4	219	23	SO-B909-L	Mountain Bike Socks, L	Mountain Bike Sock
5	220	31	HL-U509-B	Sport-100 Helmet, Blue	Sport-100
6	223	19	CA-1098	AWC Logo Cap	Cycling Cap
7	226	21	LI-0192-S	Long-Sleeve Logo Jersey, S	Long-Sleeve Logo J
8	229	21	LI-0192-M	Long-Sleeve Logo Jersey, M	Long-Sleeve Logo J
9	232	21	LI-0192-L	Long-Sleeve Logo Jersey, L	Long-Sleeve Logo J
10	235	21	LI-0192-X	Long-Sleeve Logo Jersey, XL	Long-Sleeve Logo J
11	238	14	FR-R92R-62	HL Road Frame - Red, 62	HL Road Frame
12	241	14	FR-R92R-44	HL Road Frame - Red, 44	HL Road Frame
13	244	14	FR-R92R-48	HL Road Frame - Red, 48	HL Road Frame
14	247	14	FR-R92R-52	HL Road Frame - Red, 52	HL Road Frame
15	250	14	FR-R92R-56	HL Road Frame - Red, 56	HL Road Frame
16	253	14	FR-R38B-58	LL Road Frame - Black, 58	LL Road Frame
17	256	14	FR-R38B-60	LL Road Frame - Black, 60	LL Road Frame
18	259	14	FR-R38B-62	LL Road Frame - Black, 62	LL Road Frame
19	262	14	FR-R38R-44	LL Road Frame - Red, 44	LL Road Frame
20	264	14	FR-R38R-48	LL Road Frame - Red, 48	LL Road Frame

Query Settings

PROPERTIES

Name

Product Lookup

APPLIED STEPS

Source
Promoted Headers
Changed Type
Inserted Text Before Delimiter
Renamed Columns
Inserted Text Before Delimiter1
Replaced Value

PREVIEW DOWNLOADED AT 15:15

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Text Use First Row as Headers Replace Values Merge Queries Append Queries Text Analytics Vision Azure Machine Learning Combine AI Insights

Queries [6]

Query1

Product Categories Look...
Product Subcategories L...
Product Lookup
Customer Lookup
Calendar Lookup

Date

1	January
2	January
3	January
4	January
5	January
6	January
7	January
8	January
9	January
10	January
11	January
12	January
13	January
14	January
15	January
16	January
17	January
18	January
19	January
20	January
21	January

Query Settings

PROPERTIES

Name

Calendar Lookup

APPLIED STEPS

Source
Promoted Headers
Changed Type
Extracted Month Name

PREVIEW DOWNLOADED AT 15:47

File Home Transform Add Column View Tools Help

Column From Custom Examples Column Invoke Custom Function General

Conditional Column Index Column Duplicate Column

Format Merge Columns Extract Parse From Text

Statistics Standard Scientific Trigonometry Rounding Information

Date Time Duration Text Vision Azure Machine Learning

Queries [6]

Query1

Product Categories Look...

Product Subcategories L...

Product Lookup

Customer Lookup

Calendar Lookup

fx = Table.AddColumn(#"Changed Type", "Month Name", each Date.MonthName([Date]), type text)

	Date	Month Name
1	01-01-2020	January
2	02-01-2020	January
3	03-01-2020	January
4	04-01-2020	January
5	05-01-2020	January
6	06-01-2020	January
7	07-01-2020	January
8	08-01-2020	January
9	09-01-2020	January
10	10-01-2020	January
11	11-01-2020	January
12	12-01-2020	January
13	13-01-2020	January
14	14-01-2020	January
15	15-01-2020	January
16	16-01-2020	January
17	17-01-2020	January
18	18-01-2020	January
19	19-01-2020	January
20	20-01-2020	January
21	21-01-2020	January

2 COLUMNS, 912 ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 15:49

Query Settings

PROPERTIES

Name

Calendar Lookup

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Inserted Month Name

File Home Transform Add Column View Tools Help

Column From Custom Examples Column Invoke Custom Function General

Conditional Column Index Column Duplicate Column

Format Merge Columns Extract Parse From Text

Statistics Standard Scientific Trigonometry Rounding Information

Date Time Duration Text Vision Azure Machine Learning

Queries [6]

Query1

Product Categories Look...

Product Subcategories L...

Product Lookup

Customer Lookup

Calendar Lookup

fx = Table.AddColumn(#"Inserted Month", "Start of Year", each Date.StartOfYear([Date]), type date)

	Date	Month Name	Month	Start of Year
1	01-01-2020	January	1	01-01-2020
2	02-01-2020	January	1	01-01-2020
3	03-01-2020	January	1	01-01-2020
4	04-01-2020	January	1	01-01-2020
5	05-01-2020	January	1	01-01-2020
6	06-01-2020	January	1	01-01-2020
7	07-01-2020	January	1	01-01-2020
8	08-01-2020	January	1	01-01-2020
9	09-01-2020	January	1	01-01-2020
10	10-01-2020	January	1	01-01-2020
11	11-01-2020	January	1	01-01-2020
12	12-01-2020	January	1	01-01-2020
13	13-01-2020	January	1	01-01-2020
14	14-01-2020	January	1	01-01-2020
15	15-01-2020	January	1	01-01-2020
16	16-01-2020	January	1	01-01-2020
17	17-01-2020	January	1	01-01-2020
18	18-01-2020	January	1	01-01-2020
19	19-01-2020	January	1	01-01-2020
20	20-01-2020	January	1	01-01-2020
21	21-01-2020	January	1	01-01-2020

4 COLUMNS, 912 ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 15:51

Query Settings

PROPERTIES

Name

Calendar Lookup

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Inserted Month Name

Inserted Month

Inserted Start of Year

File Home Transform Add Column View Tools Help Transform NNRG

Trigonometry
Standard Scientific Rounding
Information

Queries [6]
Query1
Product Categories Look...
Product Subcategories L...
Product Lookup
Query2
Customer Lookup

373

= List.NonNullCount(List.Distinct(#"Capitalized Each Word"[LastName]))

Query Settings

PROPERTIES
Name
Customer Lookup
All Properties

APPLIED STEPS
Source
Promoted Headers
Changed Type
Duplicated Column
Renamed Columns
Inserted Text After Delimiter
Inserted Text Before Delimiter
Replaced Value
Capitalized Each Word
Calculated Distinct Count

READY

File Home Transform Add Column View Tools Help Transform NNRG

Trigonometry
Standard Scientific Rounding
Information

Queries [6]
Query1
Product Categories Look...
Product Subcategories L...
Product Lookup
Query2
Customer Lookup

413.66100921501641

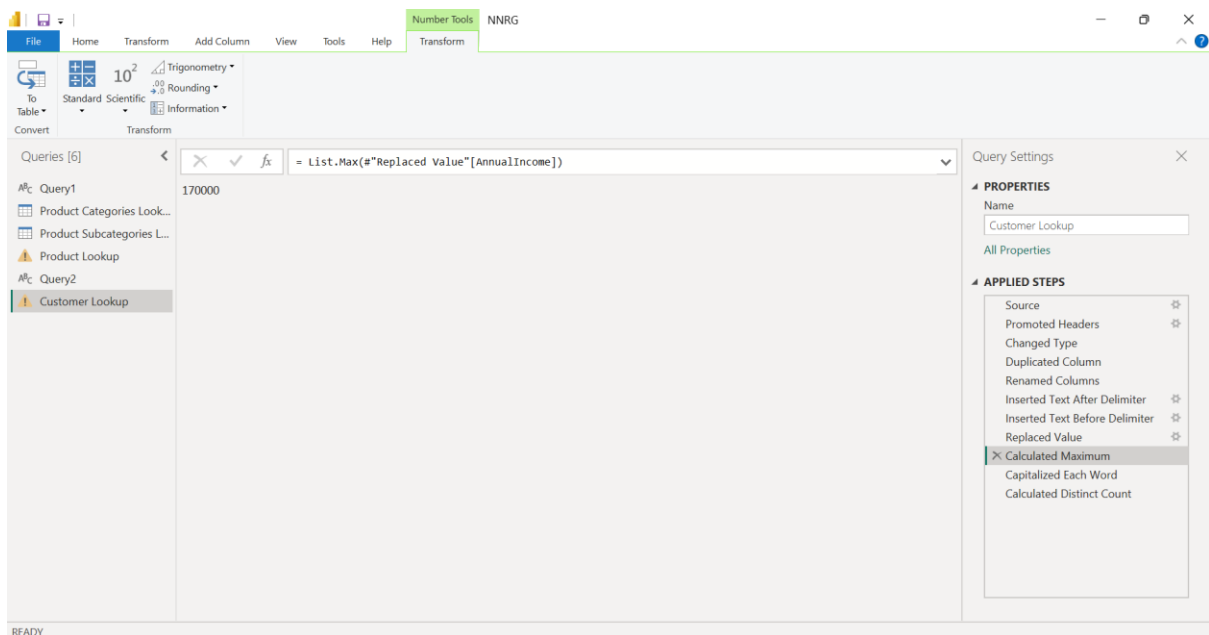
= List.Average(#"Replaced Value"[ProductCost])

Query Settings

PROPERTIES
Name
Product Lookup
All Properties

APPLIED STEPS
Source
Promoted Headers
Changed Type
Inserted Text Before Delimiter
Renamed Columns
Inserted Text Before Delimiter1
Replaced Value
Calculated Average1
Calculated Distinct Count
Calculated Average

READY



New relationship

Select tables and columns that are related.

From table

Customer Lookup

AnnualIncome	BirthDate	CustomerKey	Domain Name	EducationLevel	EmailAddress	FirstName
40000	22 April 1973	11479	darryl6@adve...	Bachelors	darryl6@adve...	DARRYL
40000	22 May 1972	11483	calvin13@adv...	Bachelors	calvin13@adv...	CALVIN
40000	22 November...	11584	devin33@adv...	Bachelors	devin33@adv...	DEVIN

To table

Sales Data

CustomerKey	OrderDate	OrderLineItem	OrderNumber	OrderQuantity	ProductKey	Source.Na
13622	03 January 20...	1	SO48819	1	352	Adventu
13960	13 January 20...	1	SO48901	1	352	Adventu
13953	14 January 20...	1	SO48909	1	352	Adventu

Cardinality

Many to many (*:*)

Cross-filter direction

Both

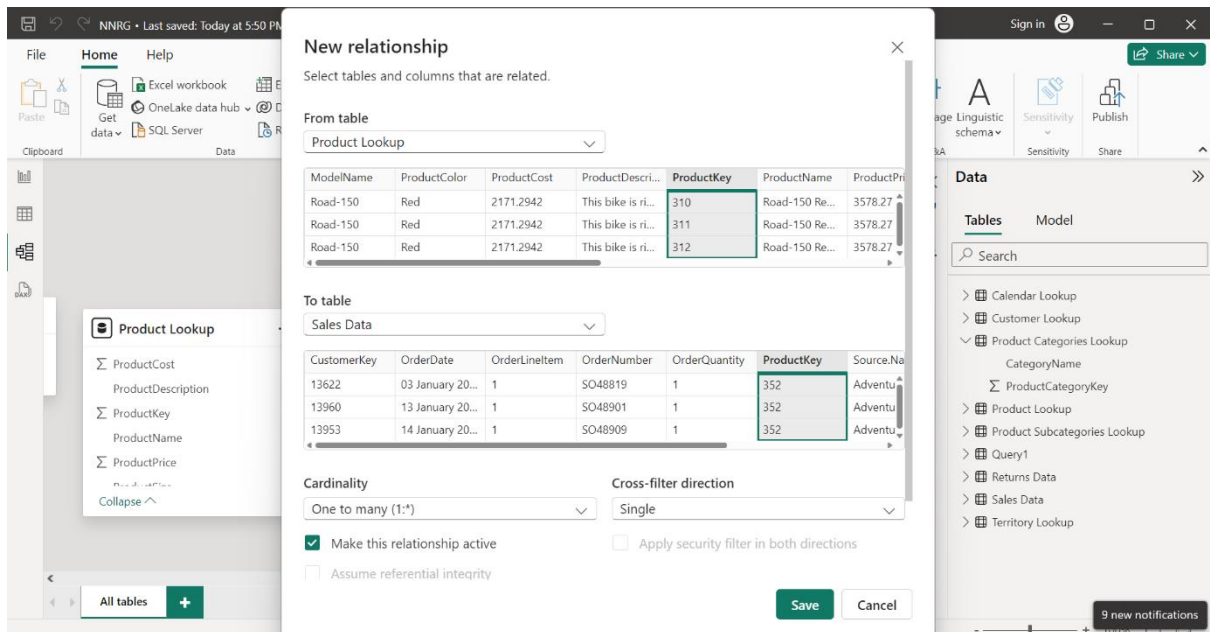
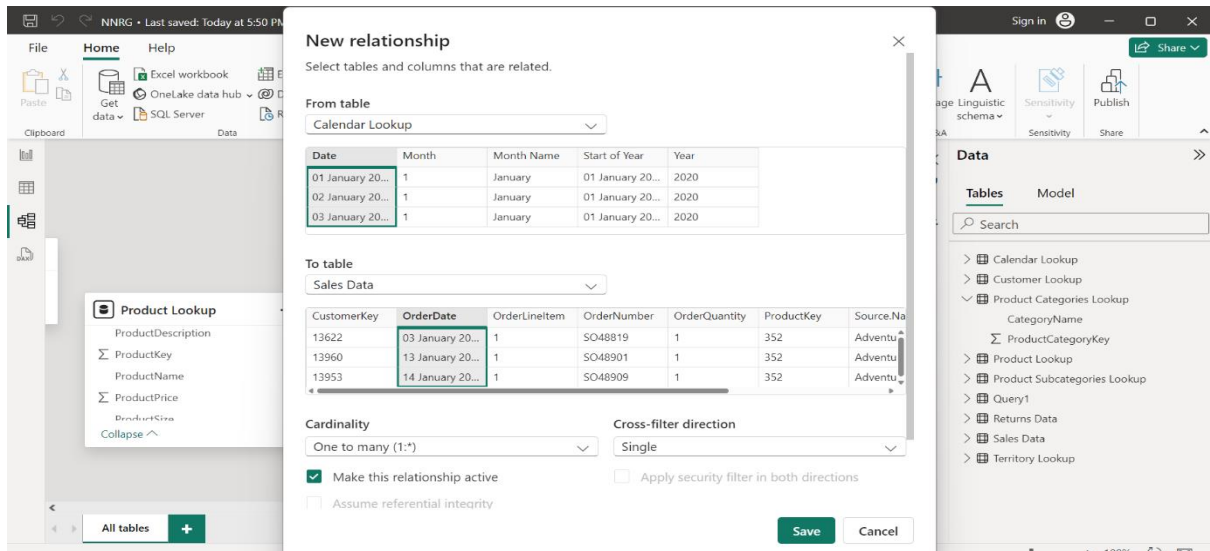
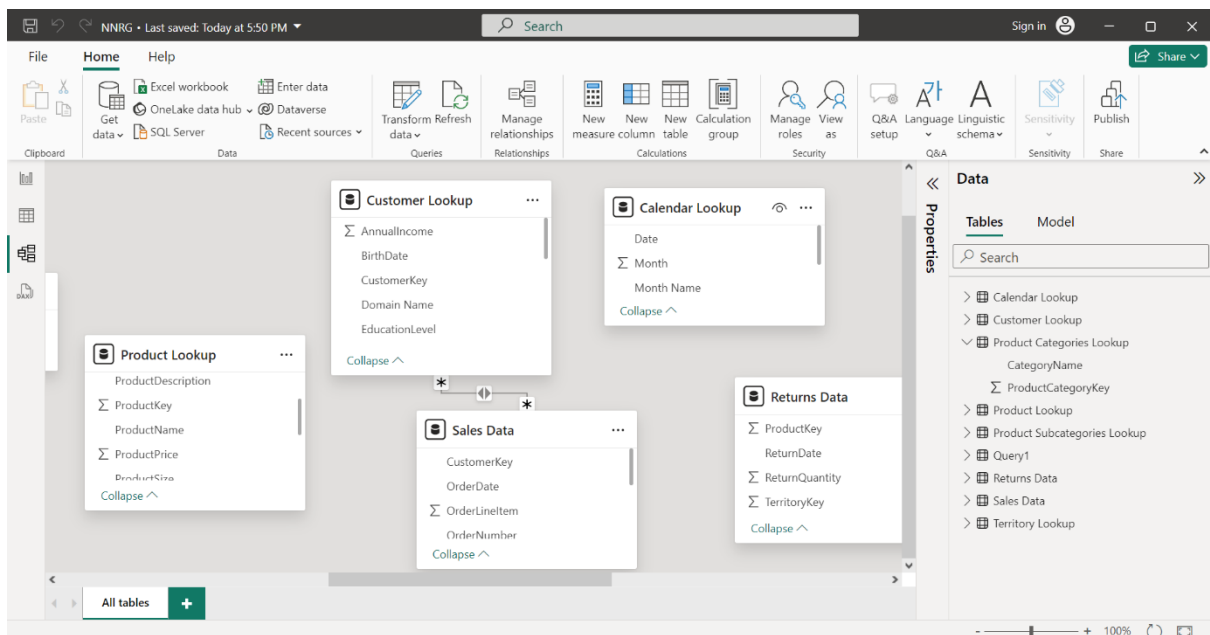
☒ Make this relationship active

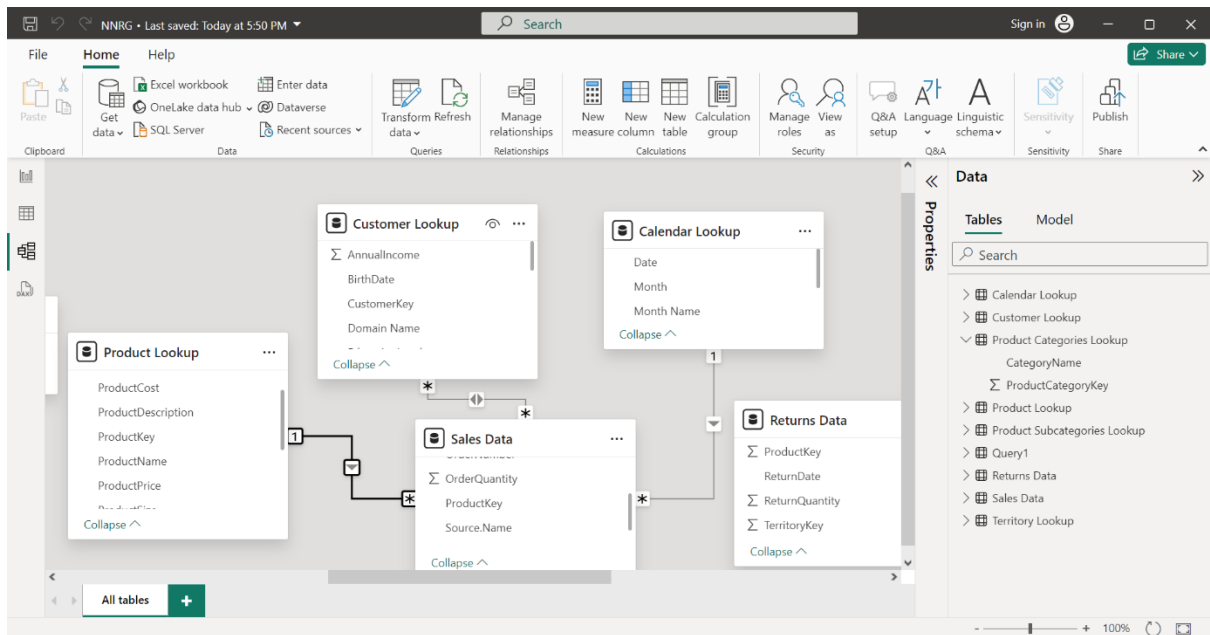
☐ Apply security filter in both directions

☐ Assume referential integrity

Save

Cancel





New relationship dialog box. Select tables and columns that are related.

From table: Sales Data

OrderNumber	OrderQuantity	ProductKey	SourceName	StockDate	TerritoryKey
SO48819	1	352	AdventureWo...	06 September...	9
SO48901	1	352	AdventureWo...	19 September...	9
SO48909	1	352	AdventureWo...	22 September...	9

To table: Returns Data

ProductKey	ReturnDate	ReturnQuantity	TerritoryKey
477	03 July 2021	1	9
477	11 July 2021	1	4
477	22 July 2021	1	1

Cardinality: Many to many (*:*)

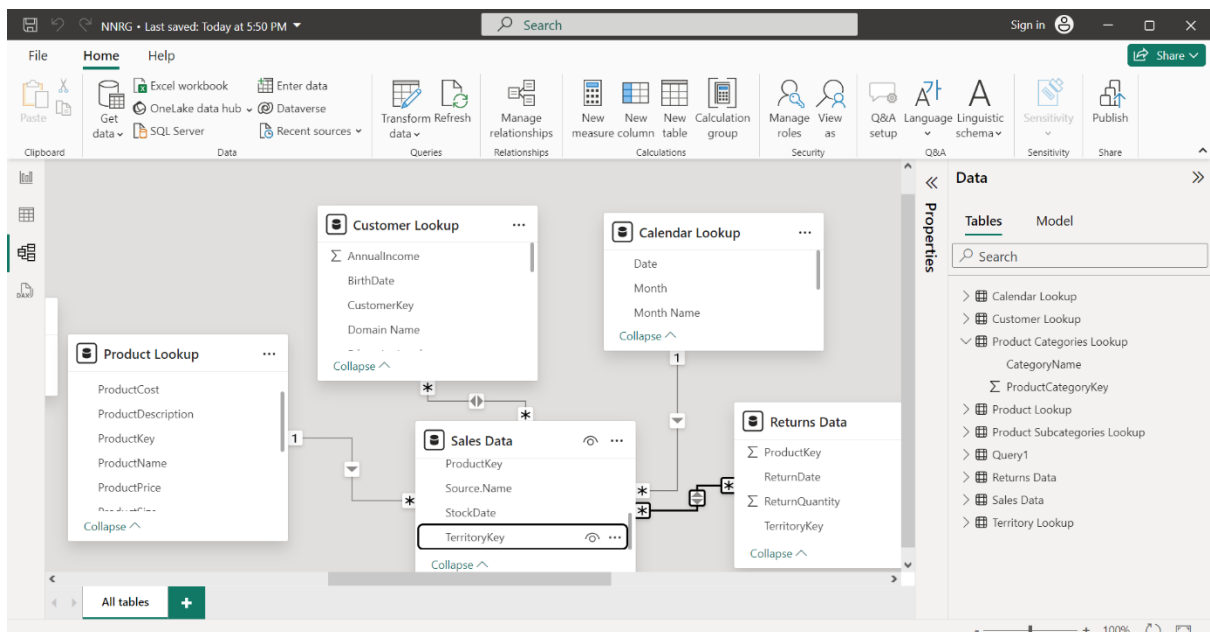
Cross-filter direction: Both

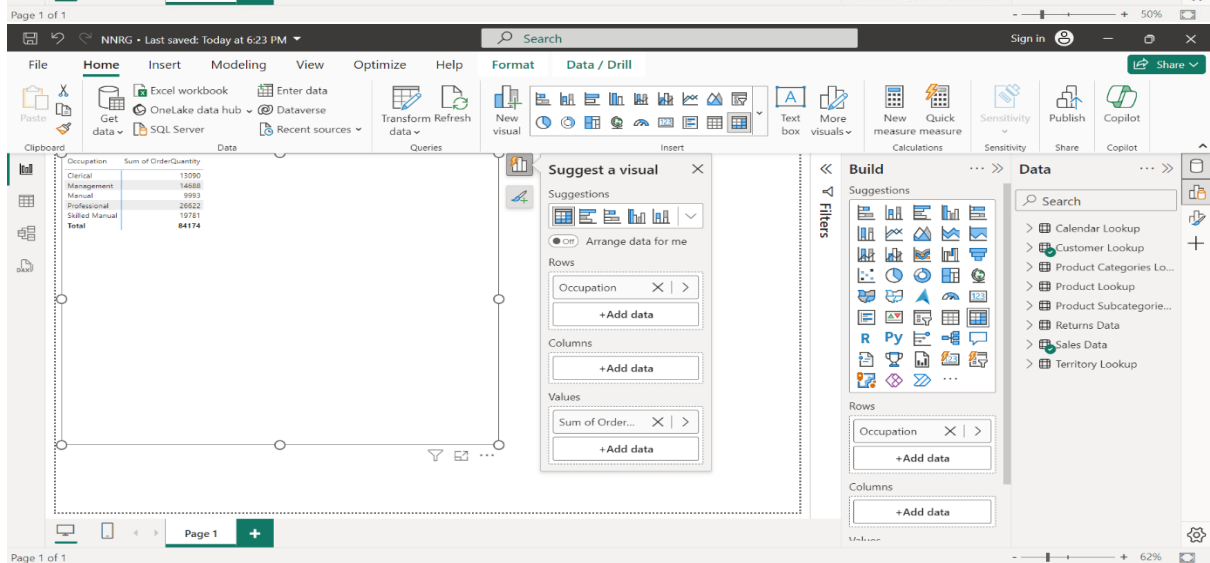
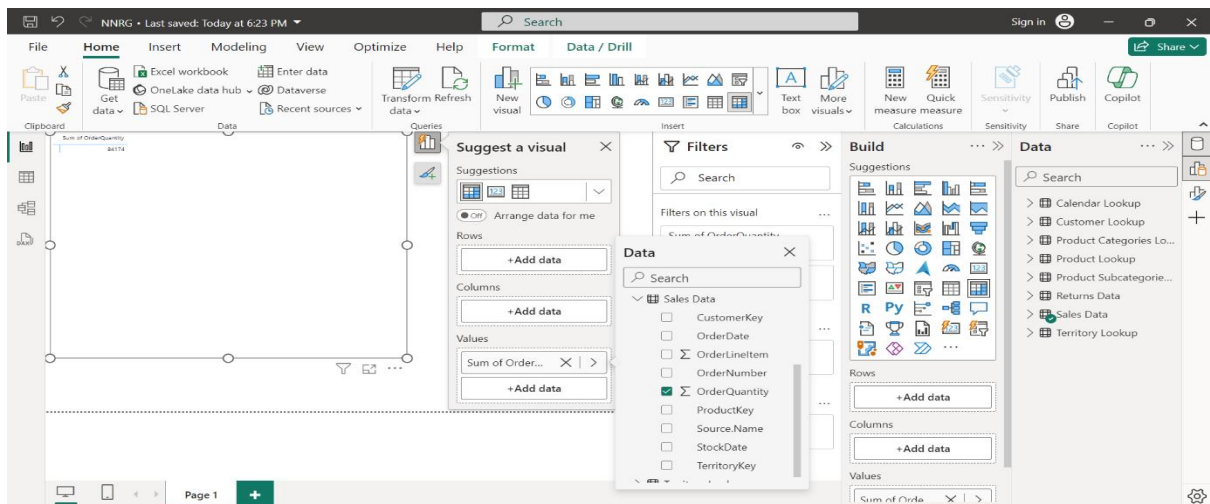
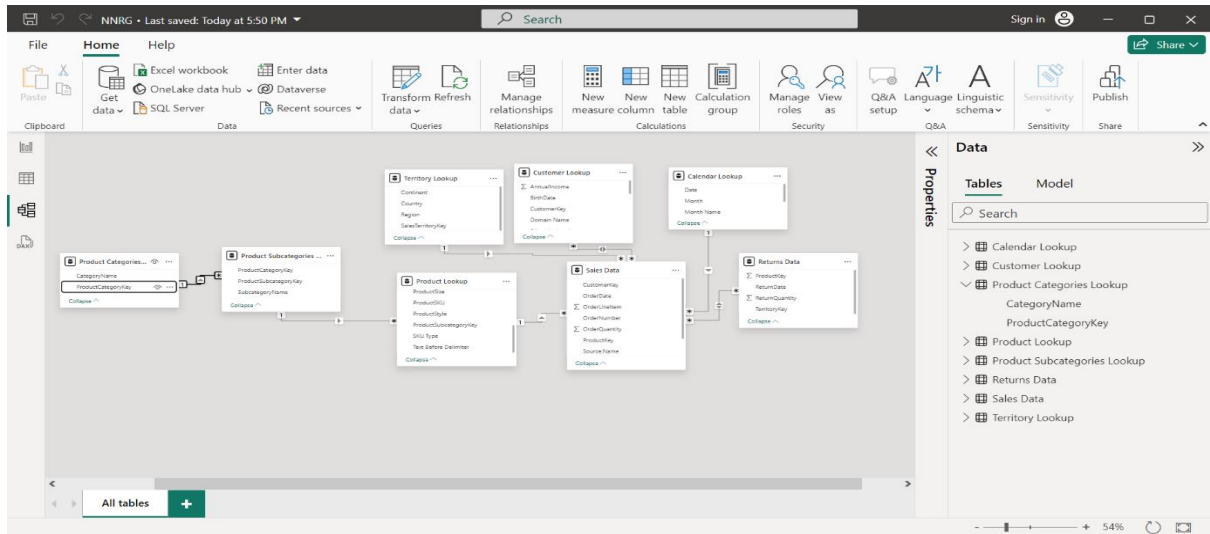
☒ Make this relationship active

☐ Assume referential integrity

☐ Apply security filter in both directions

Save Cancel





File Home Insert Modeling View Optimize Help

Clipboard Paste Get data OneLake data hub SQL Server Enter data Data Warehouse Recent sources Transform Refresh data Queries New visual Insert Text box More visuals Calculations New Quick measure measure Sensitivity Publish Copilot

Start of Year Sum of OrderQuantity

01 January 2020	2630
01 January 2021	36230
01 January 2022	45314
Total	84174

Build Filters Suggestions Data +Add data

Calendar Lookup Date Date Hierarchy Start of Year Month Month Name Start of Month Start of Week Start of Year Year Customer Lookup Product Categories L... Product Lookup Product Subcategori... Returns Data Sales Data Territory Lookin

File Home Help Table tools Column tools

Name Income level Format Text Summarization Don't summarize Data category Uncategorized Sort by column Sort Data groups Groups Manage relationships Relationships New column Calculations

Structure Formatting Properties

```
1 Income level =  
2 IF('Customer Lookup'[AnnualIncome] >= 150000, "very High",  
3 IF('Customer Lookup'[AnnualIncome] >= 100000, "High",  
4 IF('Customer Lookup'[AnnualIncome] >= 50000, "Average",  
5 "Low"))
```

Children	EducationLevel	Occupation	HomeOwner	Domain Name	Text After Delimiter	Text Before Delimiter	Income level
7	Bachelors	Skilled Manual	Y	darryl6@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	calvin13@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	devin33@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	alberto10@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	roger41@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	dwayne9@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	thomas71@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	theodore3@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	xavier87@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	johnny9@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	eduardo65@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	arthur35@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	dalton13@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	preston18@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	marc12@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	roberto18@adventure-works.com	adventure-works.com	adventure works	Low
7	Bachelors	Skilled Manual	Y	evan43@adventure-works.com	adventure-works.com	adventure works	Low

Table: Customer Lookup (18,154 rows) Column: Income level (4 distinct values)

Data Calendar Lookup Customer Lookup AnnualIncome BirthDate CustomerKey Domain Name EducationLevel EmailAddress FirstName Gender HomeOwner Income level LastName MaritalStatus Occupation Prefix Text After Delimiter