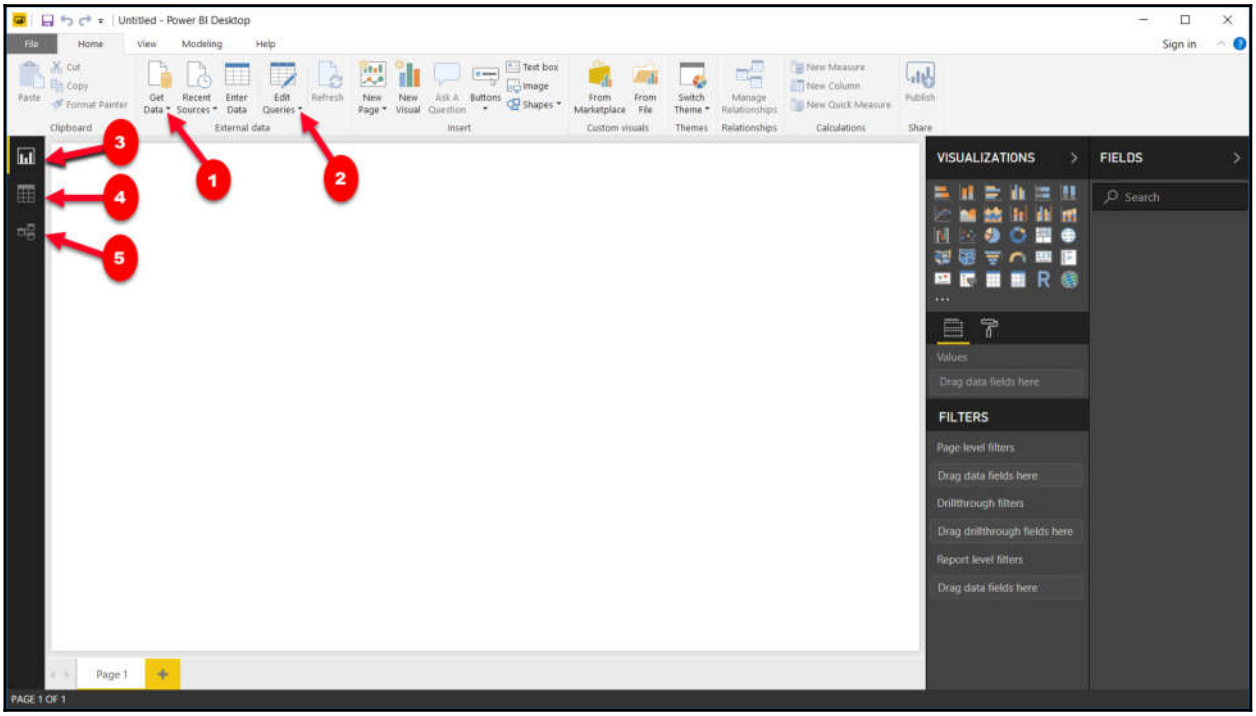
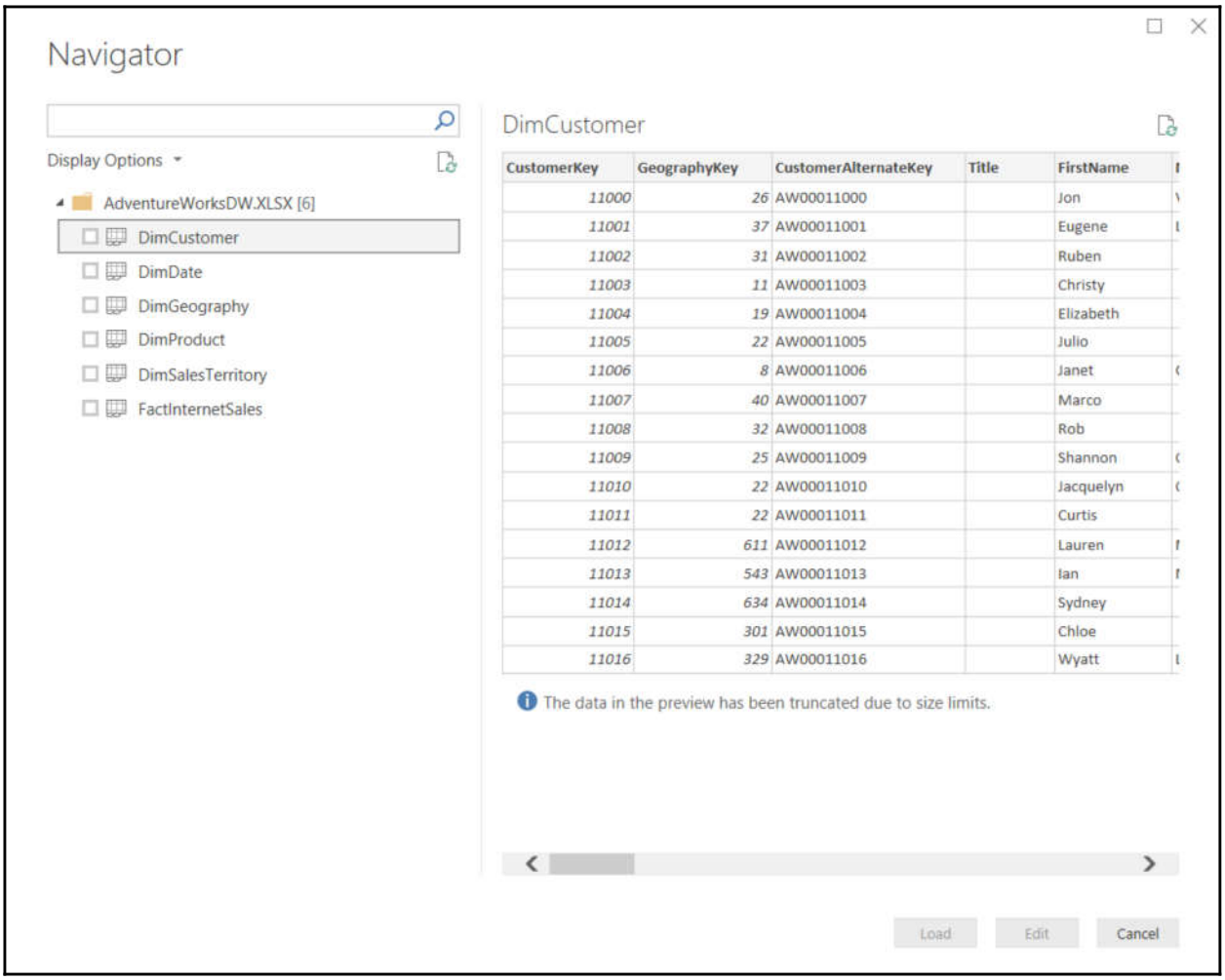
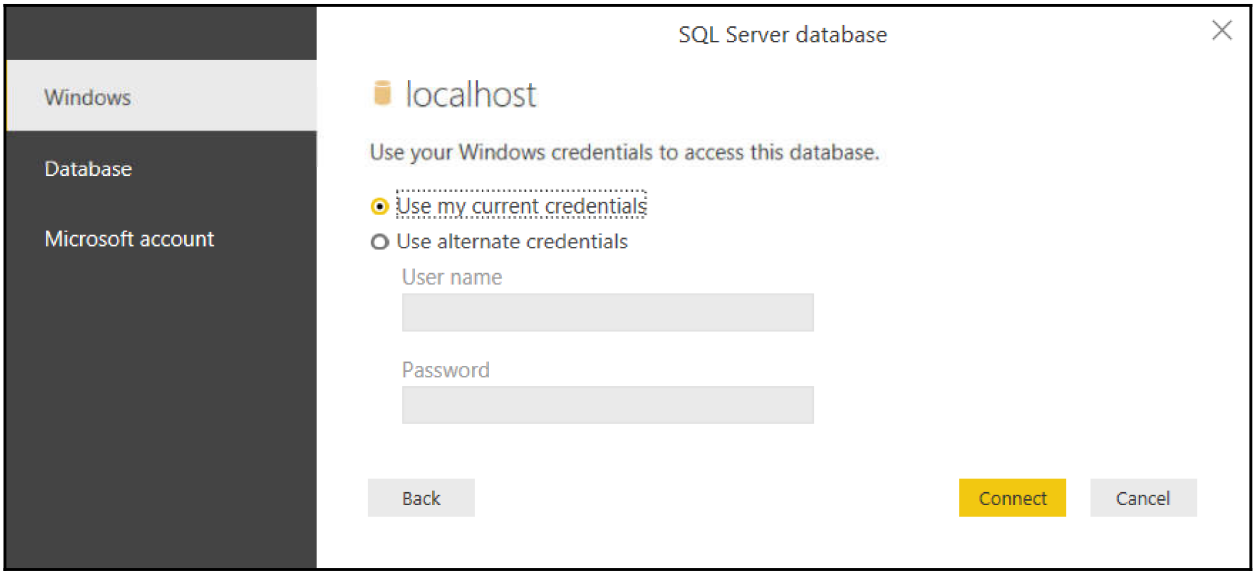
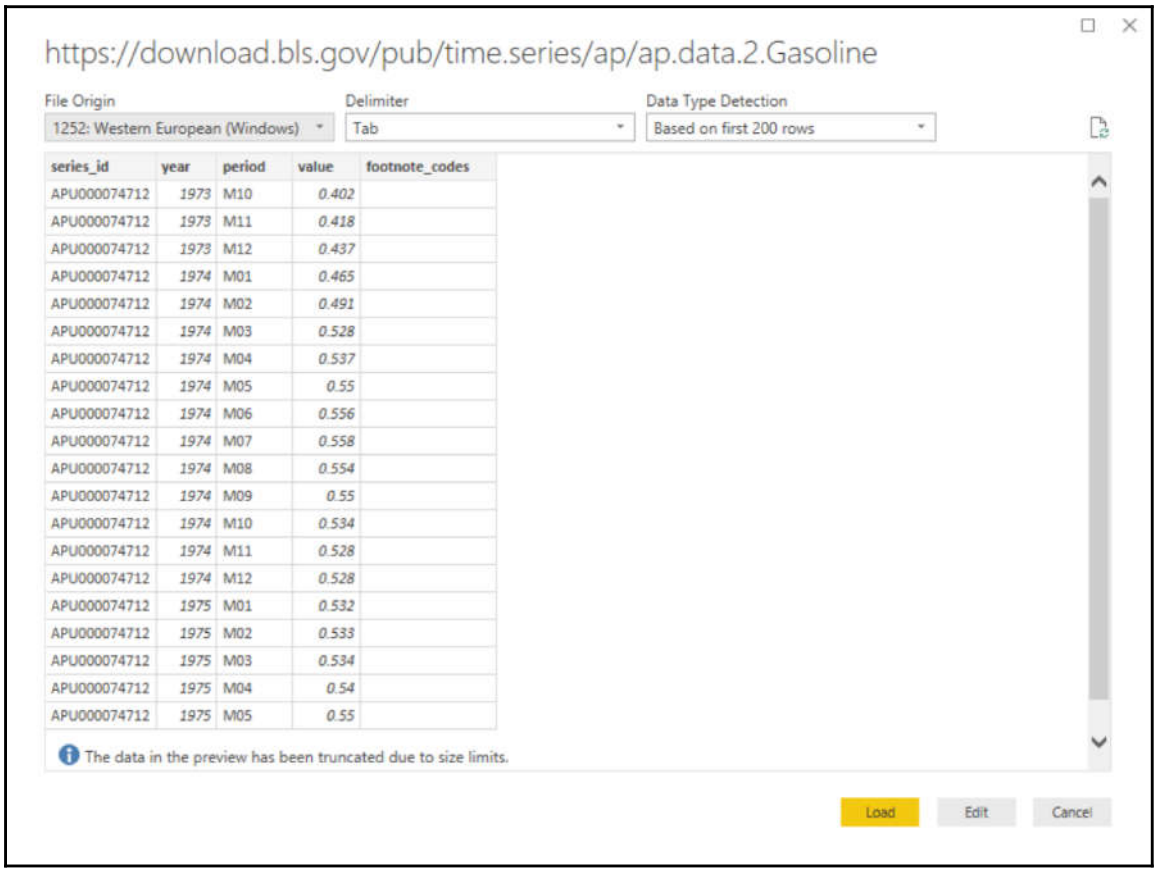
Chapter 1:
Getting Started with Importing Data Options



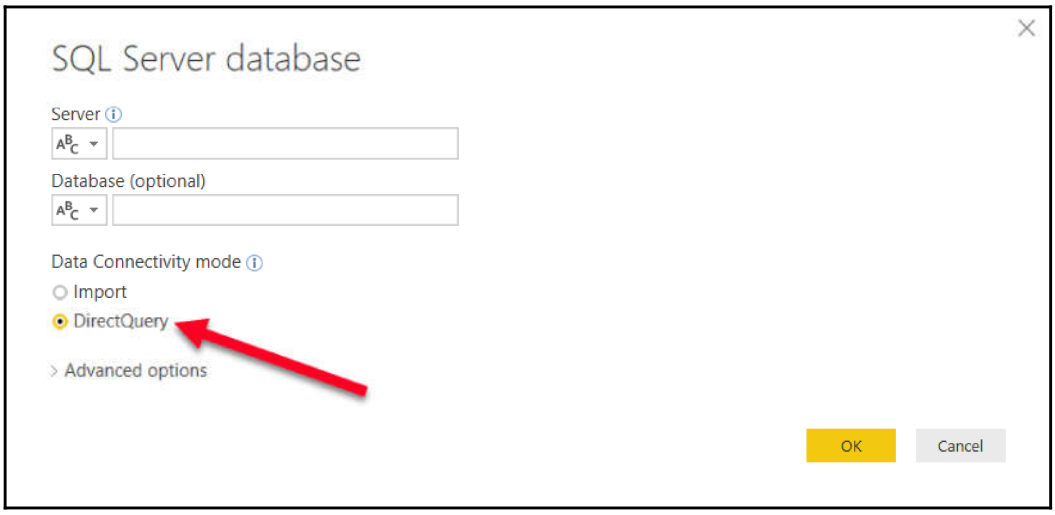

Navigator
Display Options
AdventureWorksDW.XLSX [6]
DimCustomer
DimDate
DimGeography
DimProduct
DimSalesTerritory
FactInternetSales
DimCustomer
CustomerKey GeographyKey CustomerAlternateKey Title FirstName
11000 26 AW00011000 Jon
11001 37 AW00011001 Eugene
11002 31 AW00011002 Ruben
11003 11 AW00011003 Christy
11004 19 AW00011004 Elizabeth
11005 22 AW00011005 Julio
11006 8 AW00011006 Janet
11007 40 AW00011007 Marco
11008 32 AW00011008 Rob
11009 25 AW00011009 Shannon
11010 22 AW00011010 Jacquelyn
11011 22 AW00011011 Curtis
11012 611 AW00011012 Lauren
11013 543 AW00011013 Ian
11014 634 AW00011014 Sydney
11015 301 AW00011015 Chloe
11016 329 AW00011016 Wyatt
The data in the preview has been truncated due to size limits.
Load
Edit
Cancel

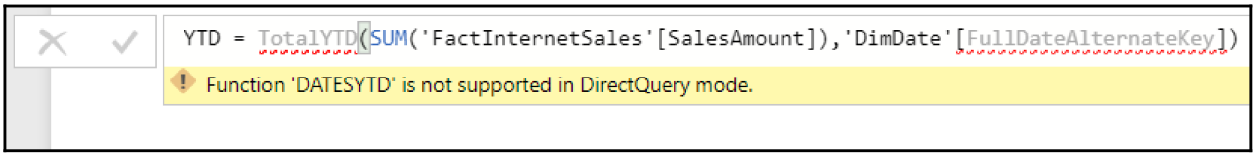

SQL Server database
Server
localhost
Database (optional)
Data Connectivity mode
Import
DirectQuery
Advanced options
OK
Cancel

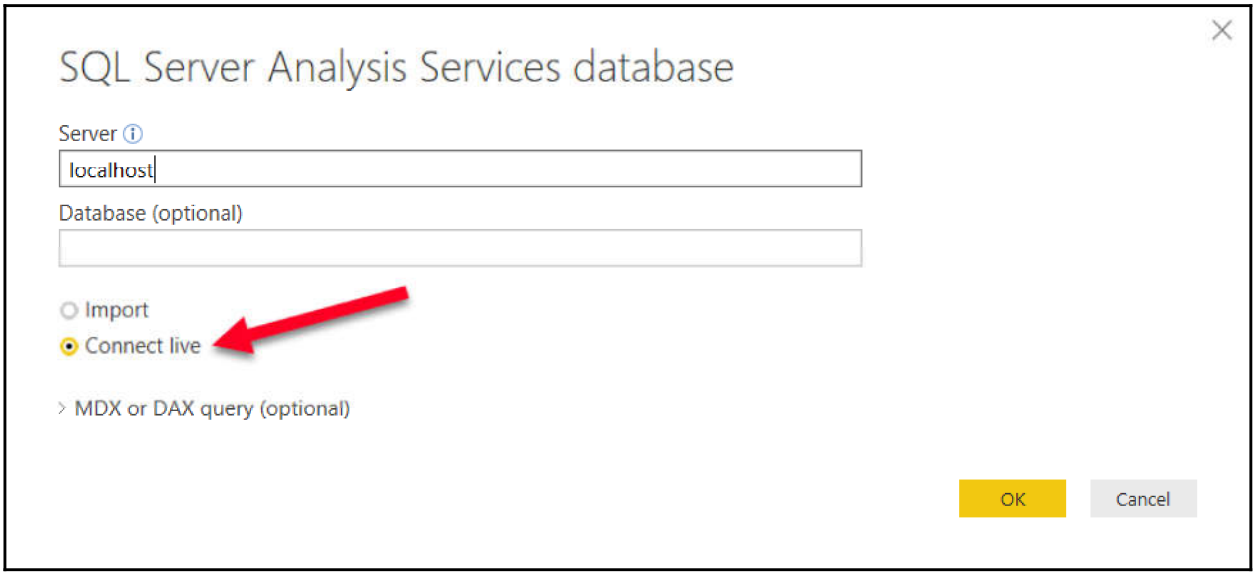

SQL Server database
Windows
Database
Microsoft account
localhost
Use your Windows credentials to access this database.
Use my current credentials
Use alternate credentials
User name
Password
Back
Connect
Cancel



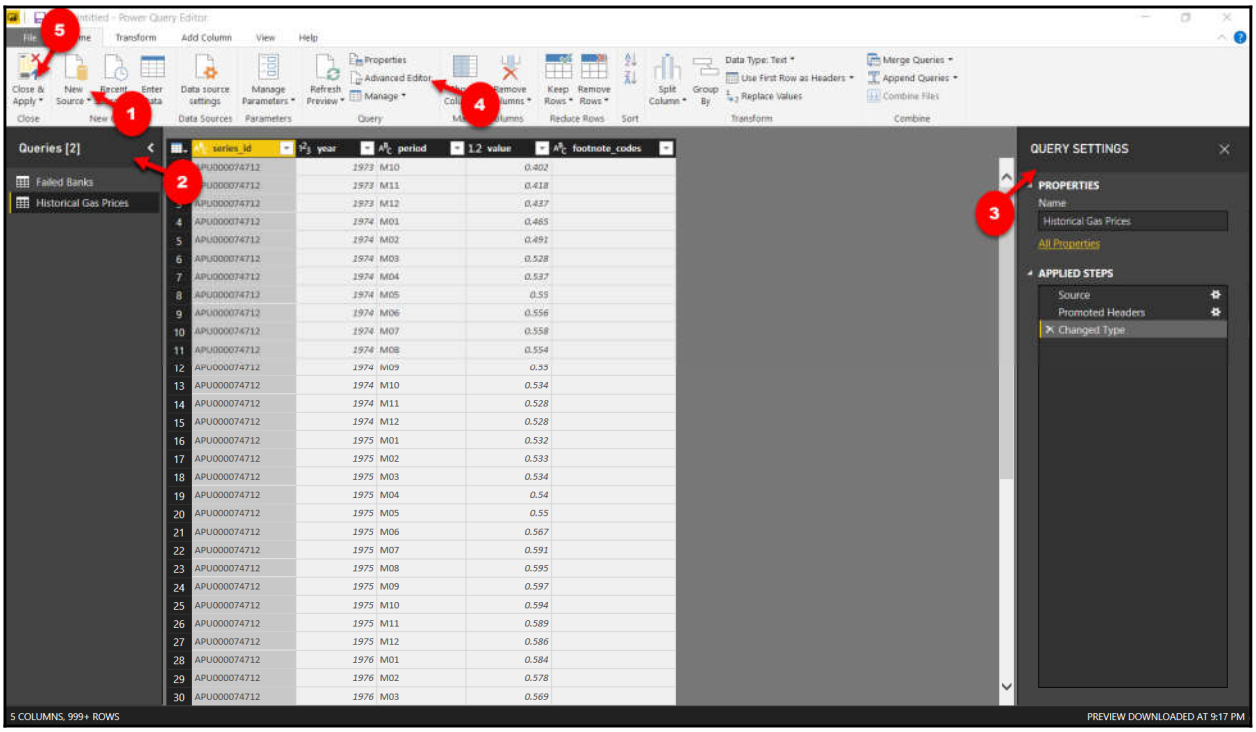
series_id	year	period	value	footnote_codes
APU000074712	1973	M10	0.402	
APU000074712	1973	M11	0.418	
APU000074712	1973	M12	0.437	
APU000074712	1974	M01	0.465	
APU000074712	1974	M02	0.491	
APU000074712	1974	M03	0.528	
APU000074712	1974	M04	0.537	
APU000074712	1974	M05	0.55	
APU000074712	1974	M06	0.556	
APU000074712	1974	M07	0.558	
APU000074712	1974	M08	0.554	
APU000074712	1974	M09	0.55	
APU000074712	1974	M10	0.534	
APU000074712	1974	M11	0.528	
APU000074712	1974	M12	0.528	
APU000074712	1975	M01	0.532	
APU000074712	1975	M02	0.533	
APU000074712	1975	M03	0.534	
APU000074712	1975	M04	0.54	
APU000074712	1975	M05	0.55	

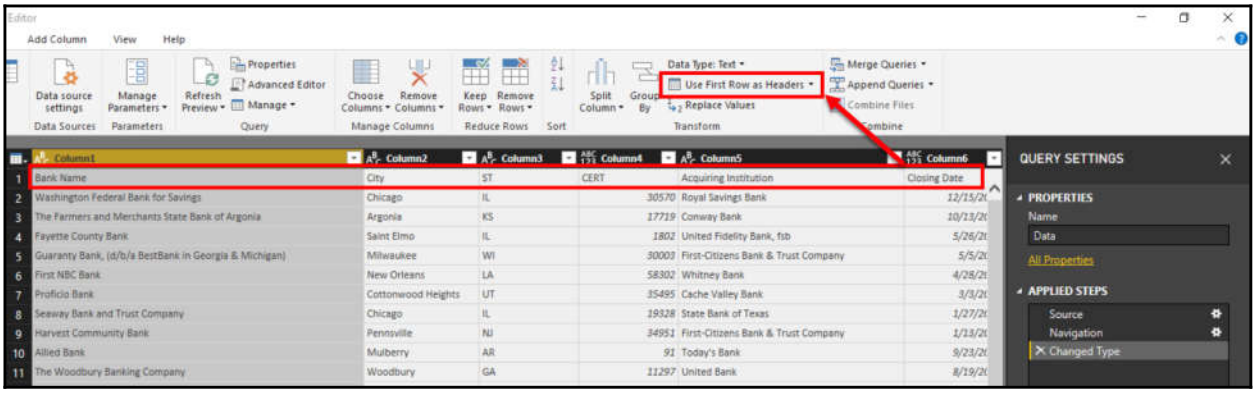

SQL Server database
Server
Database (optional)
Data Connectivity mode
Import
DirectQuery
Advanced options
OK
Cancel

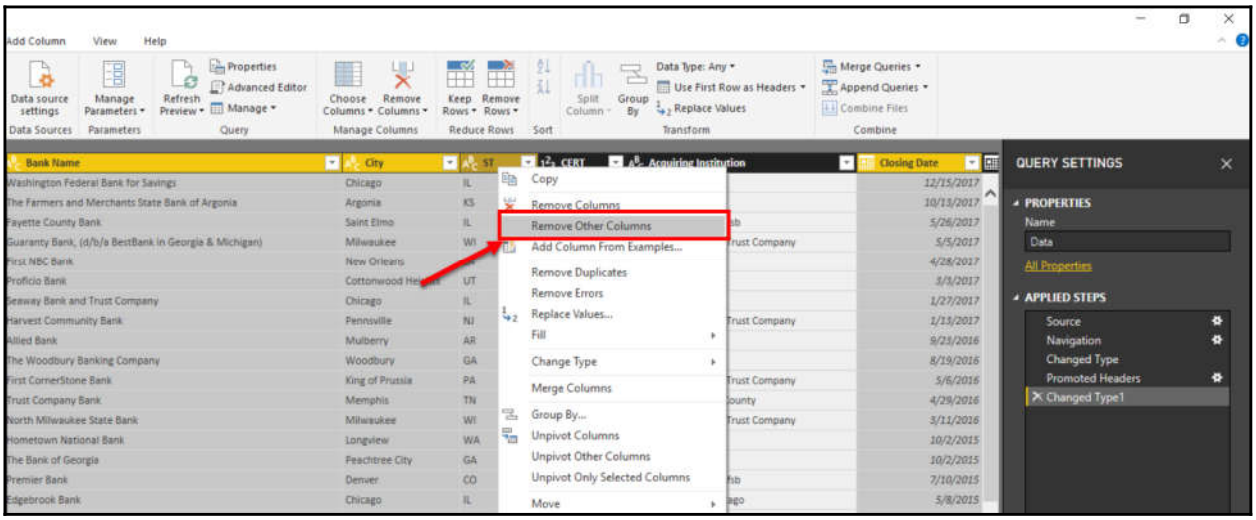

YTD = TotalYTD(SUM('FactInternetSales'[SalesAmount]),'DimDate'[FullDateAlternateKey])
Function 'DATESYTD' is not supported in DirectQuery mode.

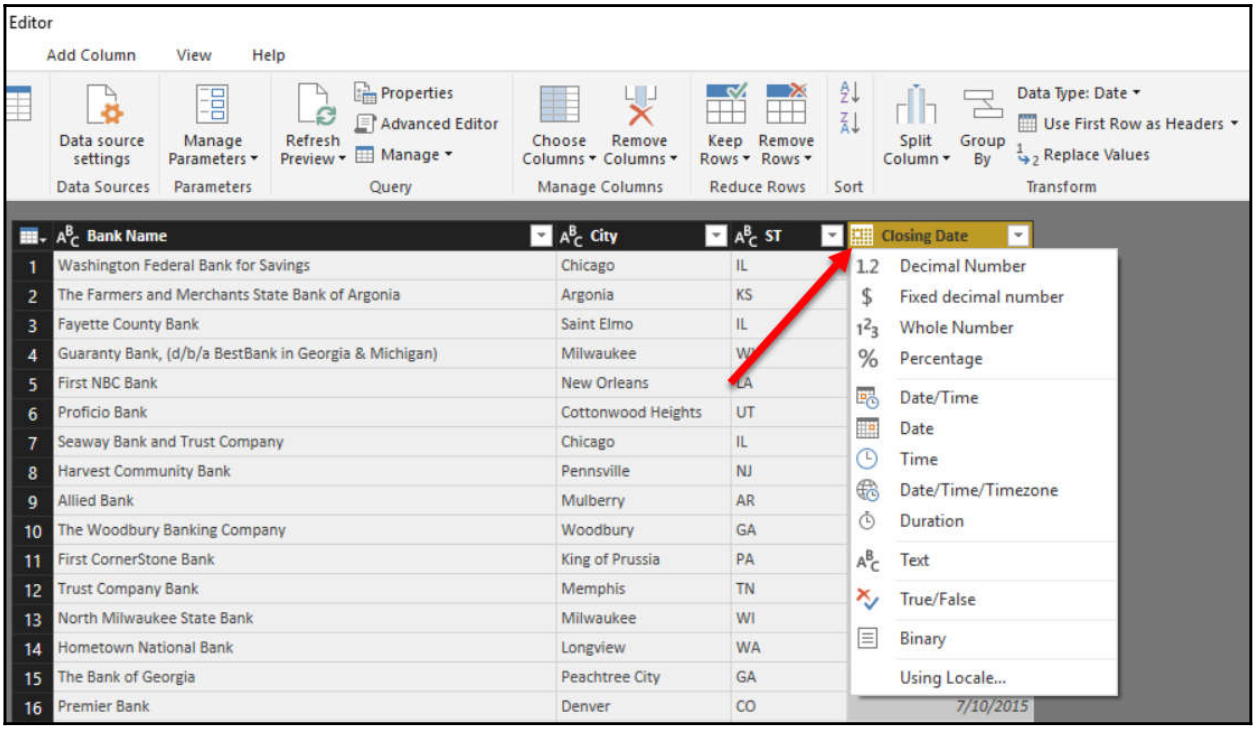

SQL Server Analysis Services database
Server
localhost
Database (optional)
Import
Connect live
MDX or DAX query (optional)
OK
Cancel

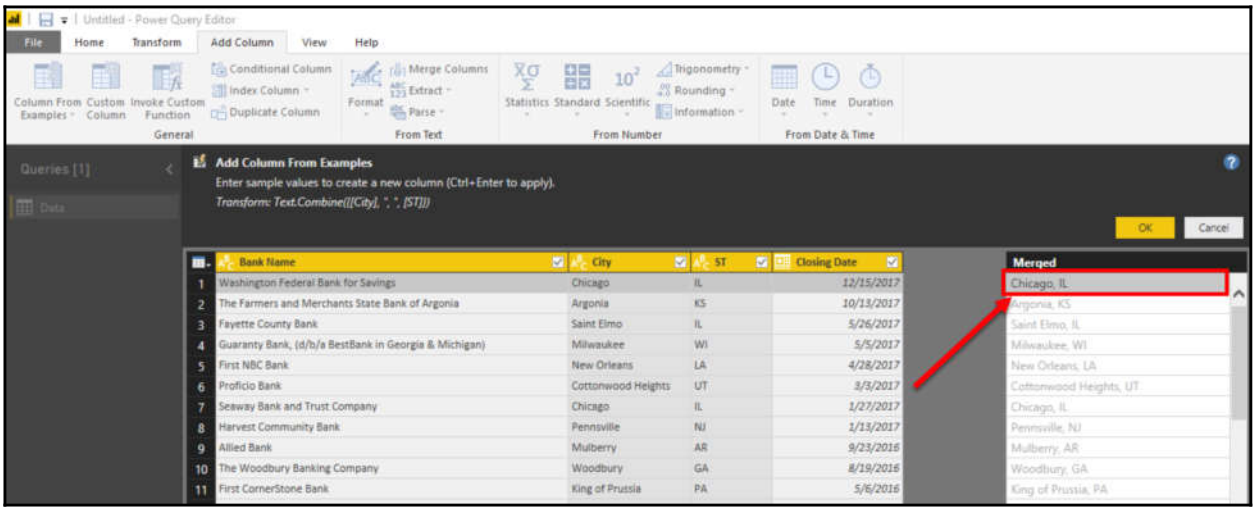
Chapter 2: Data Transformation Strategies

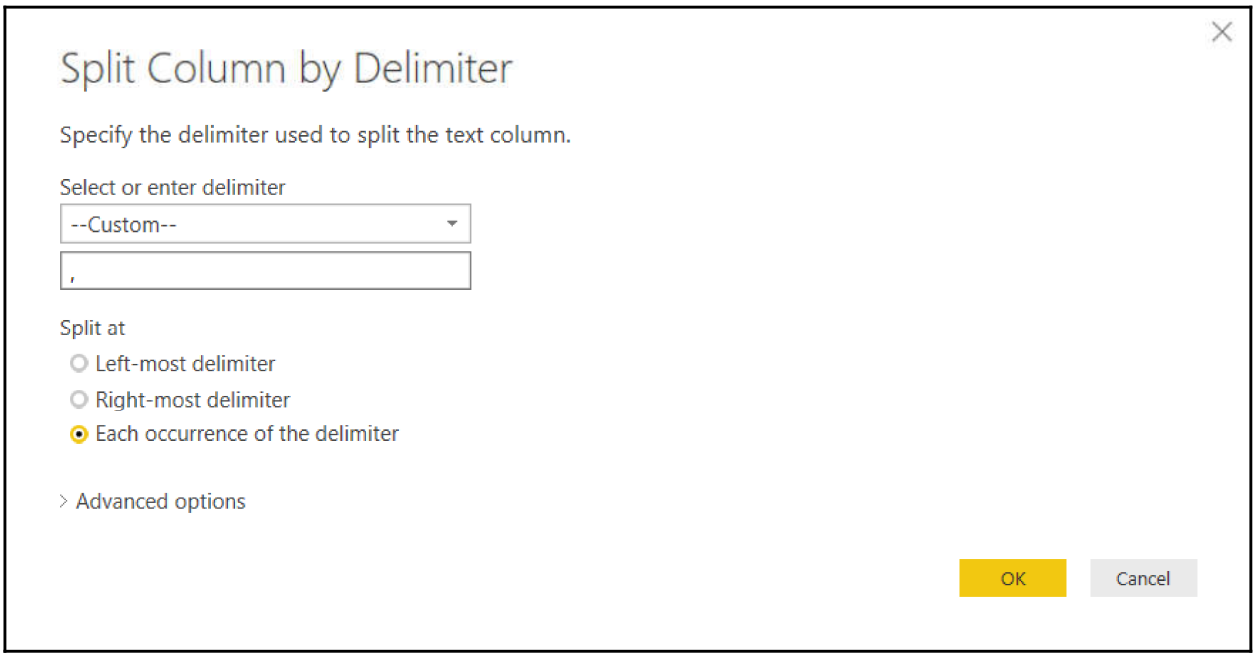


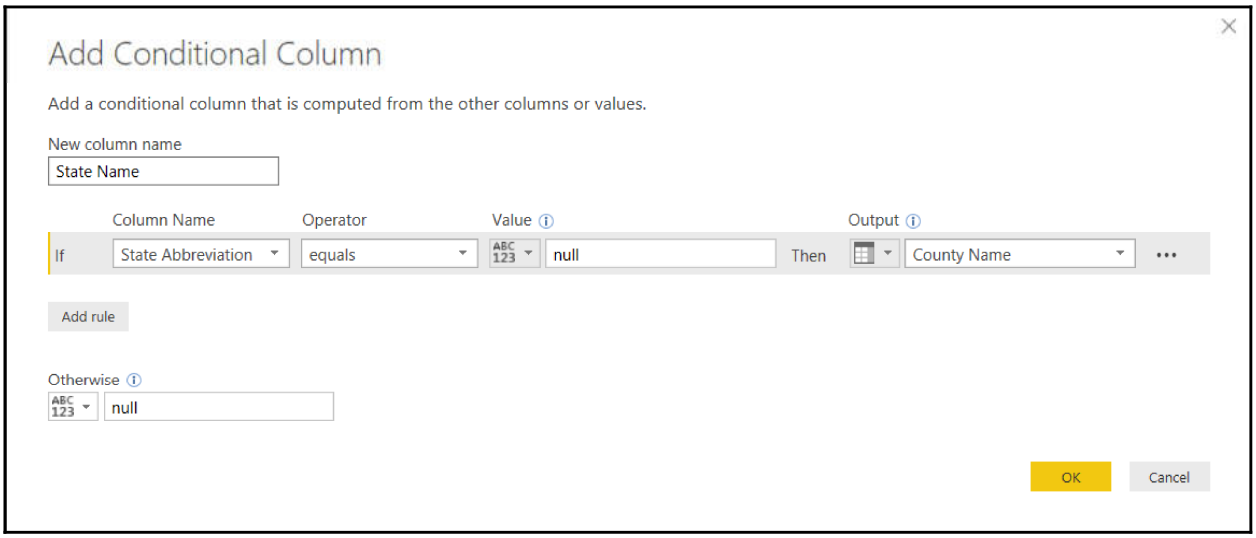


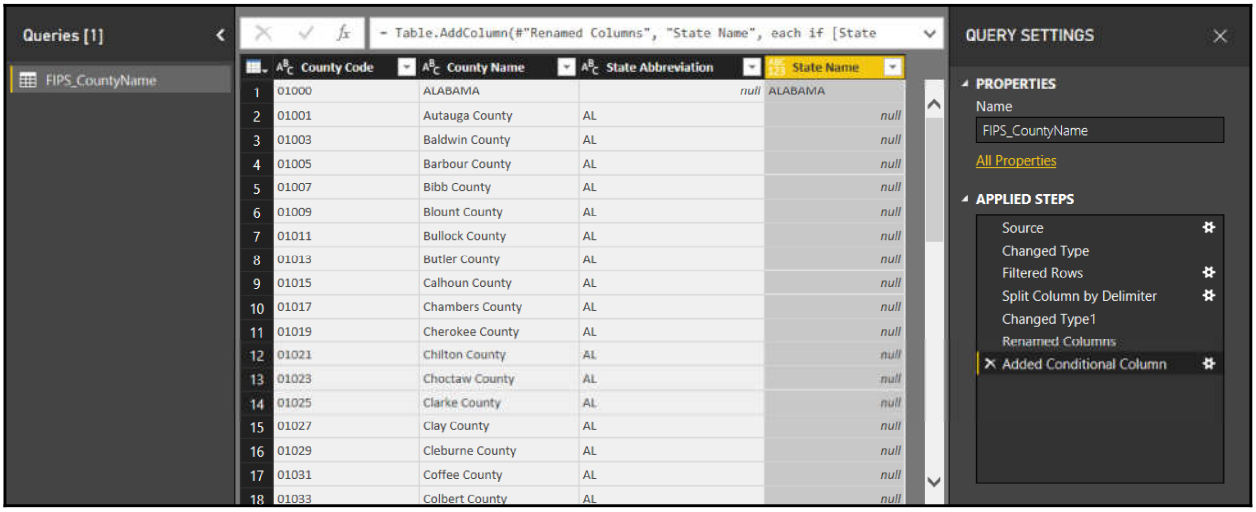

Add Column
View
Help
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
Split Column
Group By
Data Type: Any
Use First Row as Headers
Replace Values
Merge Queries
Append Queries
Combine Files
Data Sources
Parameters
Query
Manage Columns
Reduce Rows
Sort
Transform
Combine
Bank Name
City
ST
CERT
Acquiring Institution
Closing Date
Copy
Remove Columns
Remove Other Columns
Add Column From Examples...
Remove Duplicates
Remove Errors
Replace Values...
Fill
Change Type
Merge Columns
Group By...
Unpivot Columns
Unpivot Other Columns
Unpivot Only Selected Columns
Move
QUERY SETTINGS
PROPERTIES
Name
Data
All Properties
APPLIED STEPS
Source
Navigation
Changed Type
Promoted Headers
Changed Type1

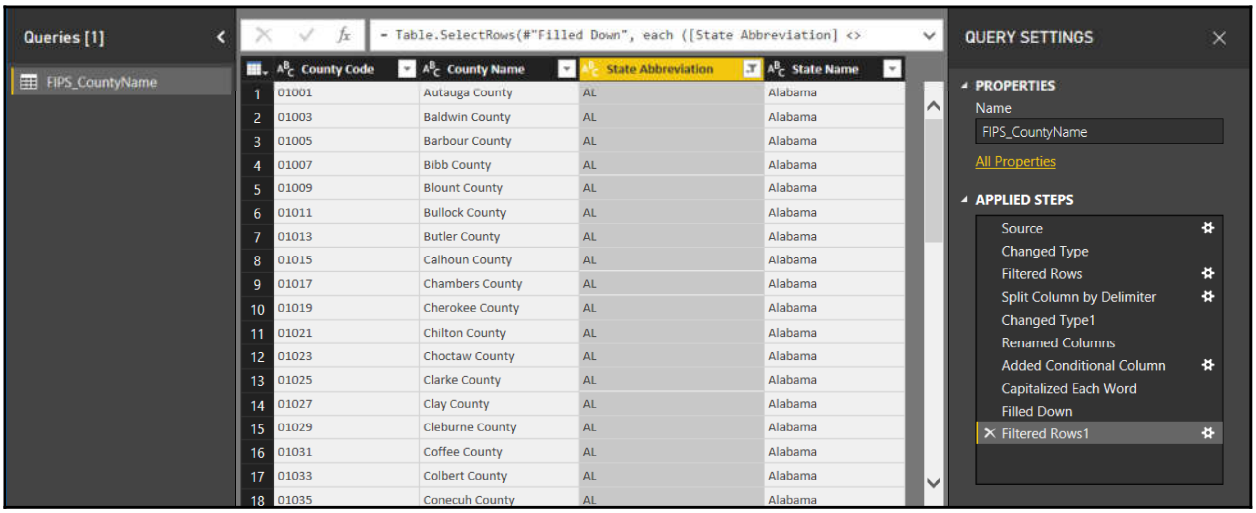

Editor
Add Column
View
Help
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
Split Column
Group By
Data Type: Date
Use First Row as Headers
Replace Values
Data Sources
Parameters
Query
Manage Columns
Reduce Rows
Sort
Transform
Bank Name
City
ST
Closing Date
1 Washington Federal Bank for Savings Chicago IL
2 The Farmers and Merchants State Bank of Argonia Argonia KS
3 Fayette County Bank Saint Elmo IL
4 Guaranty Bank, (d/b/a BestBank in Georgia & Michigan) Milwaukee WI
5 First NBC Bank New Orleans LA
6 Proficio Bank Cottonwood Heights UT
7 Seaway Bank and Trust Company Chicago IL
8 Harvest Community Bank Pennsville NJ
9 Allied Bank Mulberry AR
10 The Woodbury Banking Company Woodbury GA
11 First CornerStone Bank King of Prussia PA
12 Trust Company Bank Memphis TN
13 North Milwaukee State Bank Milwaukee WI
14 Hometown National Bank Longview WA
15 The Bank of Georgia Peachtree City GA
16 Premier Bank Denver CO 7/10/2015
Decimal Number
Fixed decimal number
Whole Number
Percentage
Date/Time
Date
Time
Date/Time/Timezone
Duration
Text
True/False
Binary
Using Locale...


Untitled - Power Query Editor
File
Home
Transform
Add Column
View
Help
Column From Examples
Custom Column
Invoke Custom Function
Conditional Column
Index Column
Duplicate Column
General
Format
Merge Columns
Extract
Parse
From Text
Statistics
Standard
Scientific
Trigonometry
Rounding
Information
From Number
Date
Time
Duration
From Date & Time
Queries [1]
Data
Add Column From Examples
Enter sample values to create a new column (Ctrl+Enter to apply).
Transform: Text.Combine({[City], ", ", [ST]})
OK
Cancel
Bank Name
City
ST
Closing Date
Merged
1 Washington Federal Bank for Savings Chicago IL 12/15/2017 Chicago, IL
2 The Farmers and Merchants State Bank of Argonia Argonia KS 10/13/2017 Argonia, KS
3 Fayette County Bank Saint Elmo IL 5/26/2017 Saint Elmo, IL
4 Guaranty Bank, (d/b/a BestBank in Georgia & Michigan) Milwaukee WI 5/5/2017 Milwaukee, WI
5 First NBC Bank New Orleans LA 4/28/2017 New Orleans, LA
6 Proficio Bank Cottonwood Heights UT 3/3/2017 Cottonwood Heights, UT
7 Seaway Bank and Trust Company Chicago IL 1/27/2017 Chicago, IL
8 Harvest Community Bank Pennsville NJ 1/13/2017 Pennsville, NJ
9 Allied Bank Mulberry AR 9/23/2016 Mulberry, AR
10 The Woodbury Banking Company Woodbury GA 8/19/2016 Woodbury, GA
11 First CornerStone Bank King of Prussia PA 5/6/2016 King of Prussia, PA


Split Column by Delimiter
Specify the delimiter used to split the text column.
Select or enter delimiter
--Custom--
,
Split at
Left-most delimiter
Right-most delimiter
Each occurrence of the delimiter
Advanced options
OK
Cancel

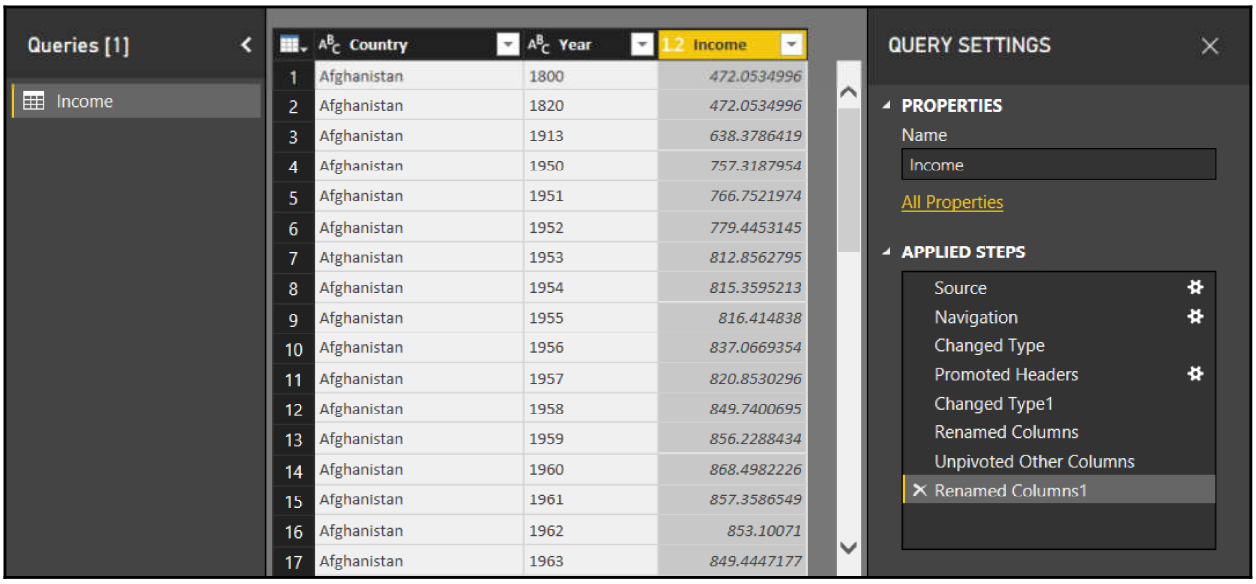

Add Conditional Column
Add a conditional column that is computed from the other columns or values.
New column name
State Name
Column Name
Operator
Value
Output
If
State Abbreviation
equals
null
Then
County Name
Add rule
Otherwise
null
OK
Cancel

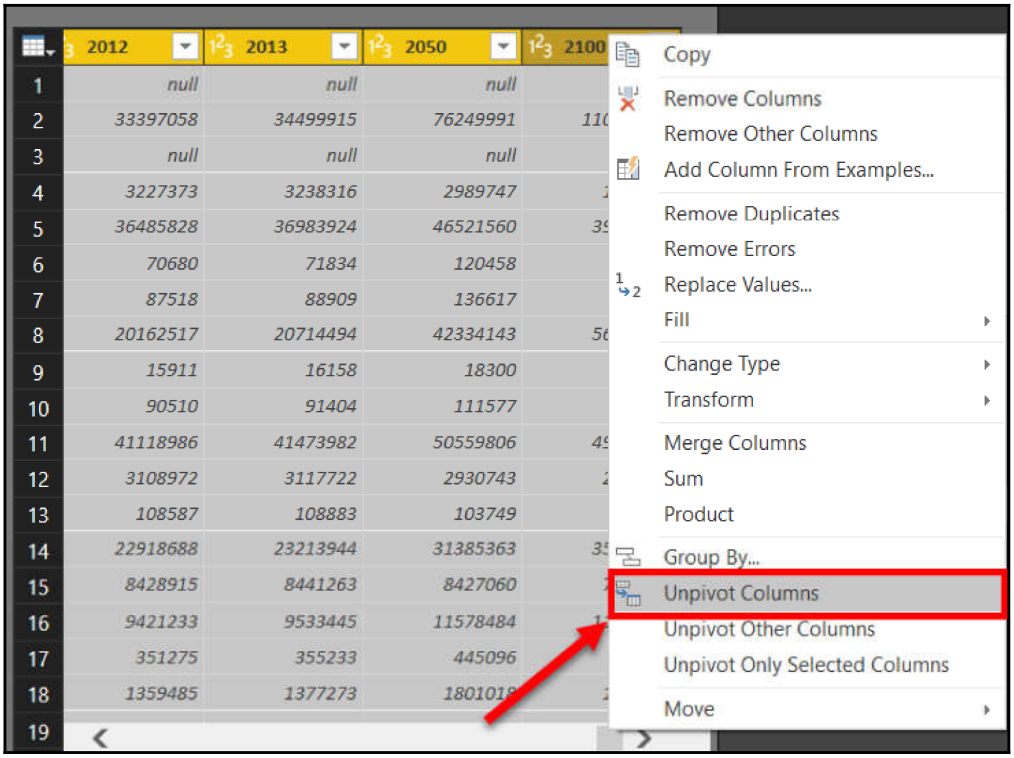

Queries [1]
FIPS_CountyName
= Table.AddColumn(#"Renamed Columns", "State Name", each if [State
County Code
County Name
State Abbreviation
State Name
1 01000 ALABAMA null ALABAMA
2 01001 Autauga County AL null
3 01003 Baldwin County AL null
4 01005 Barbour County AL null
5 01007 Bibb County AL null
6 01009 Blount County AL null
7 01011 Bullock County AL null
8 01013 Butler County AL null
9 01015 Calhoun County AL null
10 01017 Chambers County AL null
11 01019 Cherokee County AL null
12 01021 Chilton County AL null
13 01023 Choctaw County AL null
14 01025 Clarke County AL null
15 01027 Clay County AL null
16 01029 Cleburne County AL null
17 01031 Coffee County AL null
18 01033 Colbert County AL null
QUERY SETTINGS
PROPERTIES
Name
FIPS_CountyName
All Properties
APPLIED STEPS
Source
Changed Type
Filtered Rows
Split Column by Delimiter
Changed Type1
Renamed Columns
Added Conditional Column

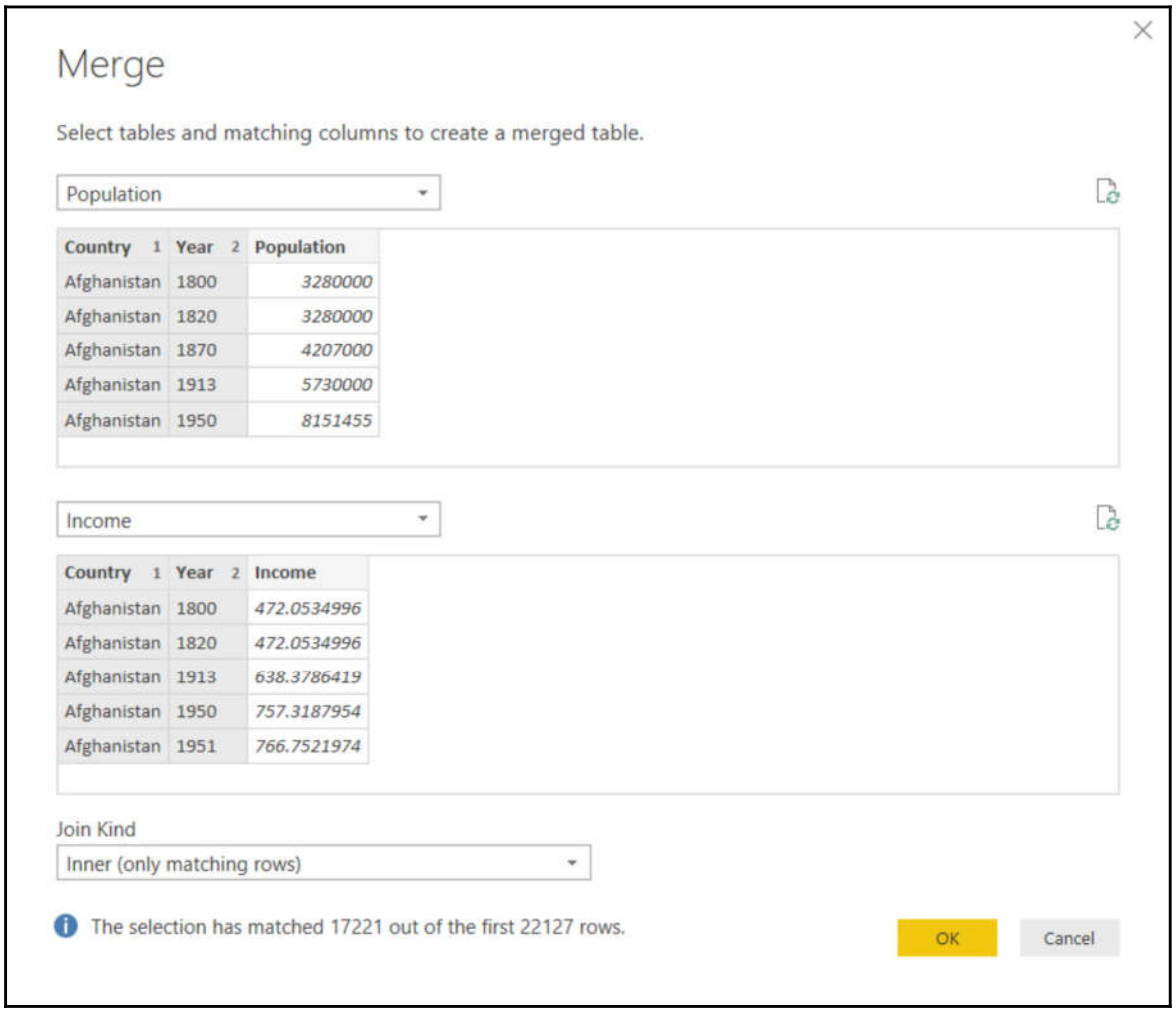


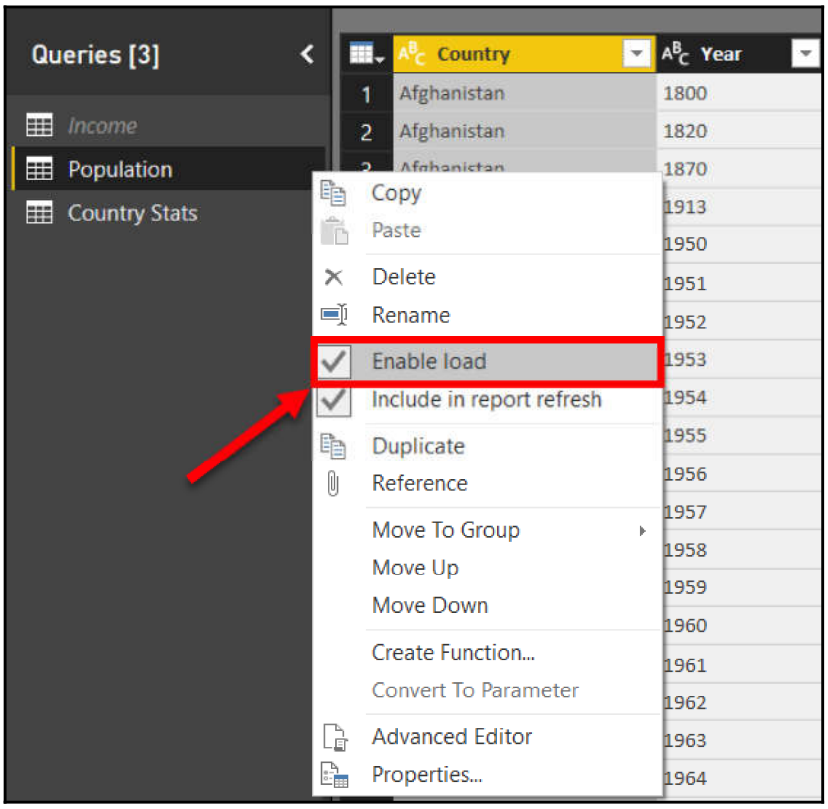
Year	Florida	Pennsylvania	New York	California	Texas
2018	21312211	12823989	19862512	39776830	28704330
2017	20984400	12805537	19849399	39536653	28304596
2016	20656589	12787085	19836286	39296476	27904862

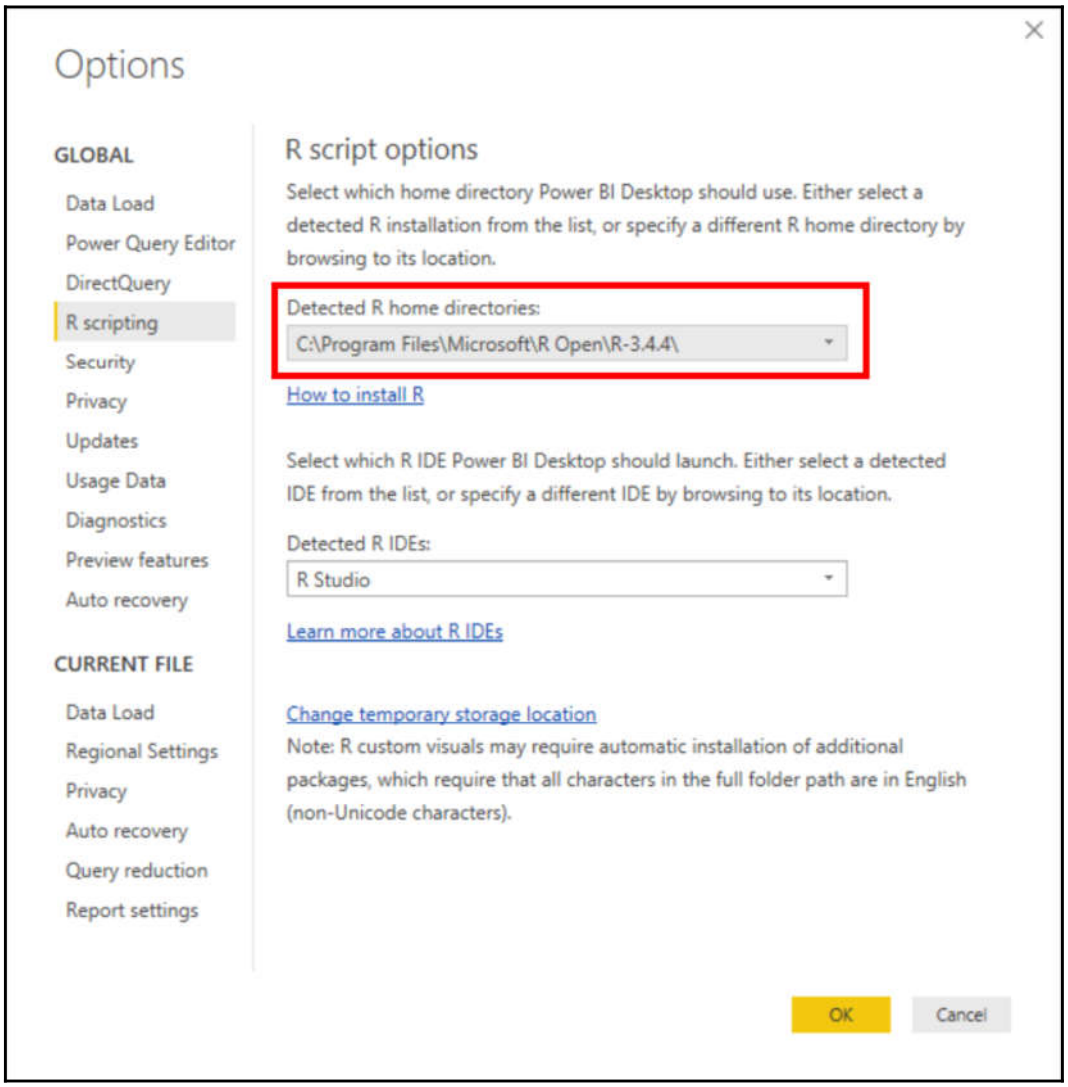
Year	State	Population
2018	Florida	21312211
2018	Pennsylvania	12823989
2018	New York	19862512
2018	California	39776830
2018	Texas	28704330
2017	Florida	20984400
2017	Pennsylvania	12805537
2017	New York	19849399
2017	California	39536653
2017	Texas	28304596
2016	Florida	20656589
2016	Pennsylvania	12787085
2016	New York	19836286
2016	California	39296476
2016	Texas	27904862

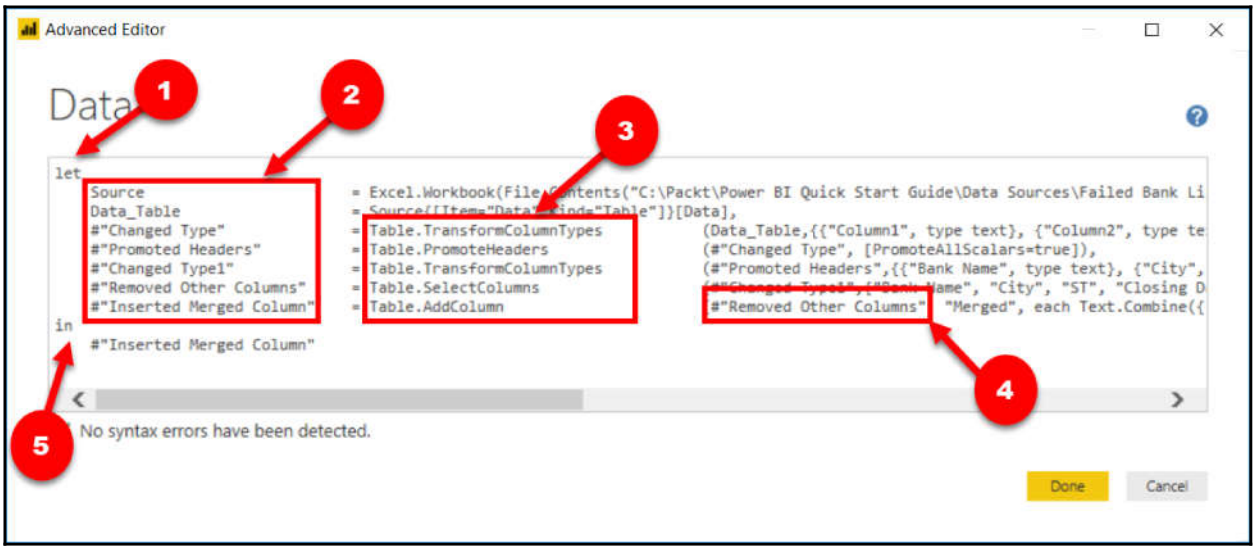

Queries [1]
Income
Country
Year
Income
1 Afghanistan 1800 472.0534996
2 Afghanistan 1820 472.0534996
3 Afghanistan 1913 638.3786419
4 Afghanistan 1950 757.3187954
5 Afghanistan 1951 766.7521974
6 Afghanistan 1952 779.4453145
7 Afghanistan 1953 812.8562795
8 Afghanistan 1954 815.3595213
9 Afghanistan 1955 816.414838
10 Afghanistan 1956 837.0669354
11 Afghanistan 1957 820.8530296
12 Afghanistan 1958 849.7400695
13 Afghanistan 1959 856.2288434
14 Afghanistan 1960 868.4982226
15 Afghanistan 1961 857.3586549
16 Afghanistan 1962 853.10071
17 Afghanistan 1963 849.4447177
QUERY SETTINGS
PROPERTIES
Name
Income
All Properties
APPLIED STEPS
Source
Navigation
Changed Type
Promoted Headers
Changed Type1
Renamed Columns
Unpivoted Other Columns
Renamed Columns1

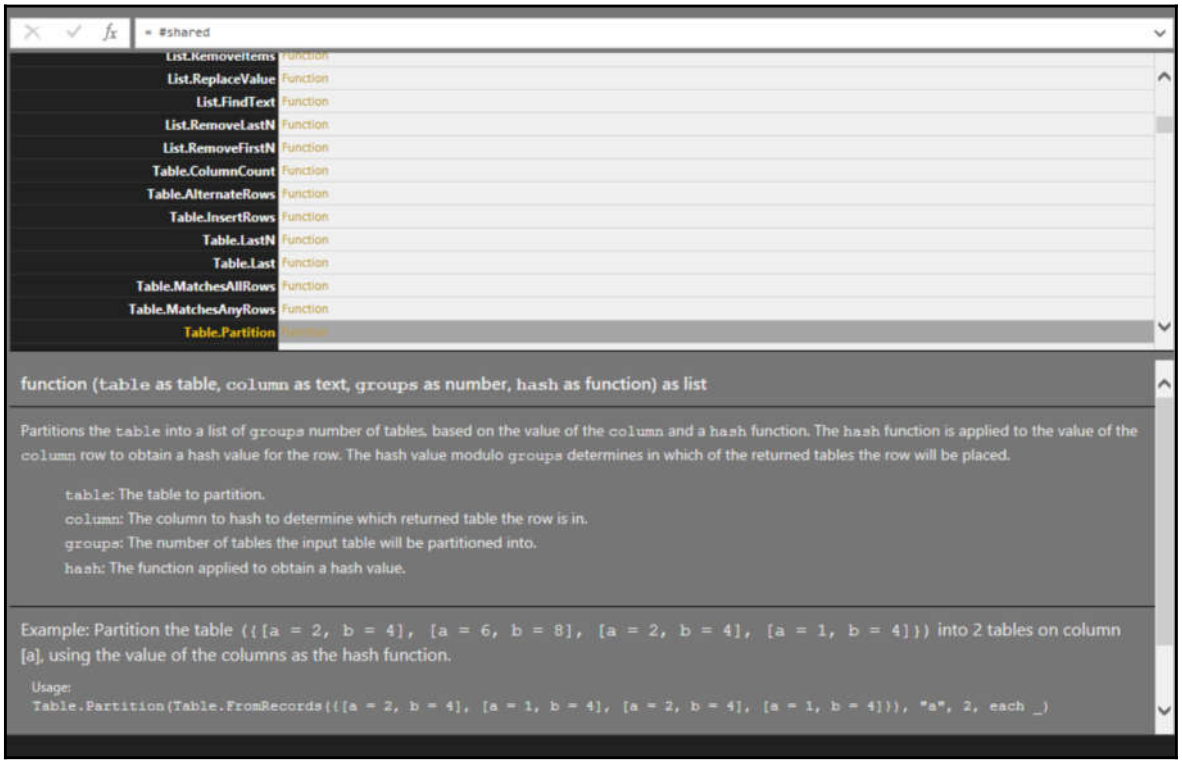

2012
2013
2050
2100
1 null null null
2 33397058 34499915 76249991
3 null null null
4 3227373 3238316 2989747
5 36485828 36983924 46521560
6 70680 71834 120458
7 87518 88909 136617
8 20162517 20714494 42334143
9 15911 16158 18300
10 90510 91404 111577
11 41118986 41473982 50559806
12 3108972 3117722 2930743
13 108587 108883 103749
14 22918688 23213944 31385363
15 8428915 8441263 8427060
16 9421233 9533445 11578484
17 351275 355233 445096
18 1359485 1377273
19
Copy
Remove Columns
Remove Other Columns
Add Column From Examples...
Remove Duplicates
Remove Errors
Replace Values...
Fill
Change Type
Transform
Merge Columns
Sum
Product
Group By...
Unpivot Columns
Unpivot Other Columns
Unpivot Only Selected Columns
Move


Merge
Select tables and matching columns to create a merged table.
Population
Country 1 Year 2 Population
Afghanistan 1800 3280000
Afghanistan 1820 3280000
Afghanistan 1870 4207000
Afghanistan 1913 5730000
Afghanistan 1950 8151455
Income
Country 1 Year 2 Income
Afghanistan 1800 472.0534996
Afghanistan 1820 472.0534996
Afghanistan 1913 638.3786419
Afghanistan 1950 757.3187954
Afghanistan 1951 766.7521974
Join Kind
Inner (only matching rows)
The selection has matched 17221 out of the first 22127 rows.
OK
Cancel

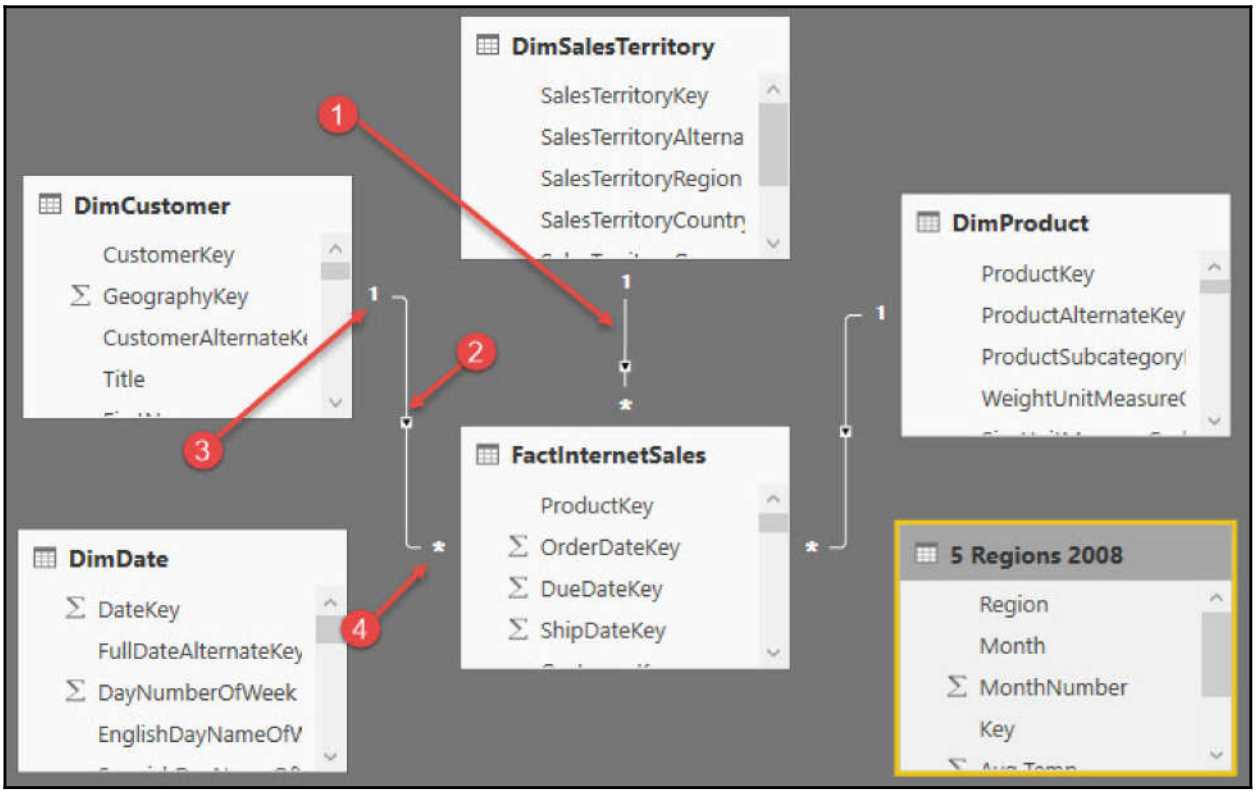

Queries [3]
Income
Population
Country Stats
Country
Year
1 Afghanistan 1800
2 Afghanistan 1820
Afghanistan 1870
1913
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
Copy
Paste
Delete
Rename
Enable load
Include in report refresh
Duplicate
Reference
Move To Group
Move Up
Move Down
Create Function...
Convert To Parameter
Advanced Editor
Properties...

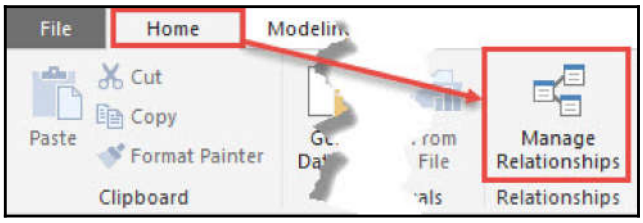

Options
GLOBAL
Data Load
Power Query Editor
DirectQuery
R scripting
Security
Privacy
Updates
Usage Data
Diagnostics
Preview features
Auto recovery
CURRENT FILE
Data Load
Regional Settings
Privacy
Auto recovery
Query reduction
Report settings
R script options
Select which home directory Power BI Desktop should use. Either select a detected R installation from the list, or specify a different R home directory by browsing to its location.
Detected R home directories:
C:\Program Files\Microsoft\R Open\R-3.4.4\
How to install R
Select which R IDE Power BI Desktop should launch. Either select a detected IDE from the list, or specify a different IDE by browsing to its location.
Detected R IDEs:
R Studio
Learn more about R IDEs
Change temporary storage location
Note: R custom visuals may require automatic installation of additional packages, which require that all characters in the full folder path are in English (non-Unicode characters).
OK
Cancel

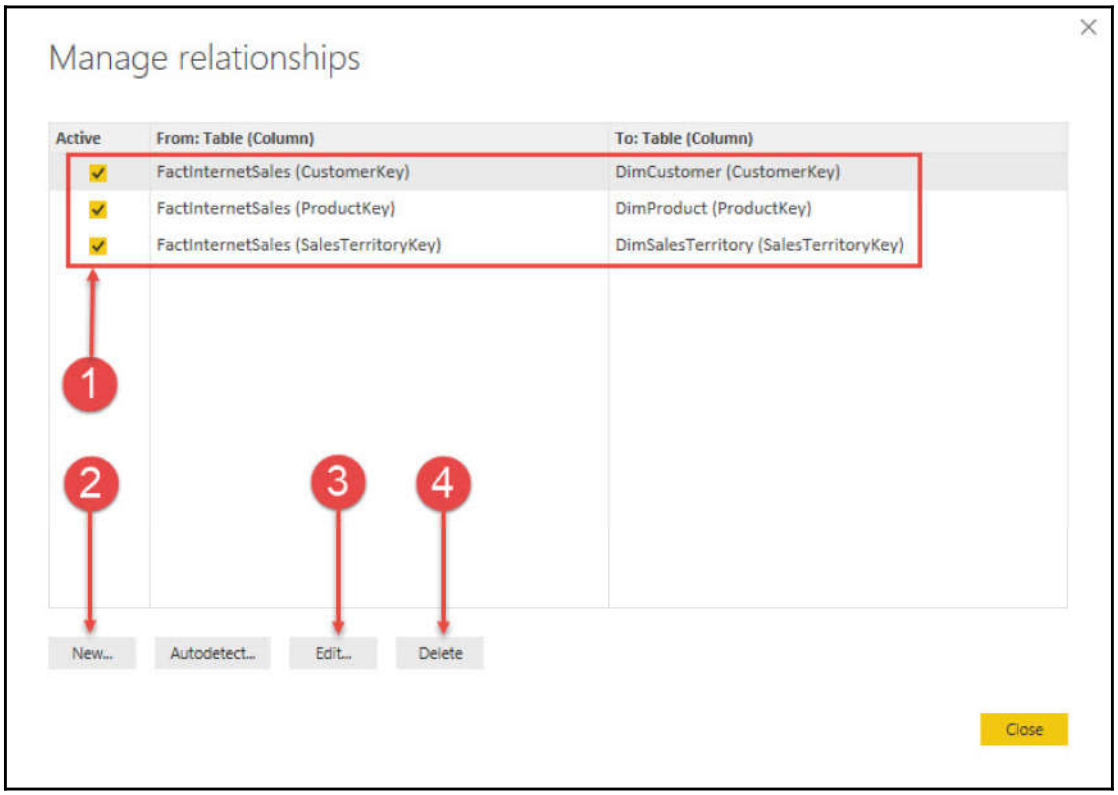

Advanced Editor
Data
1
2
3
4
5
let
Source = Excel.Workbook(File.Contents("C:\Packt\Power BI Quick Start Guide\Data Sources\Failed Bank Li
Data_Table = Source{[Item="Data",Kind="Table"]}[Data],
#"Changed Type" = Table.TransformColumnTypes (Data_Table,{{"Column1", type text}, {"Column2", type te
#"Promoted Headers" = Table.PromoteHeaders (#"Changed Type", [PromoteAllScalars=true]),
#"Changed Type1" = Table.TransformColumnTypes (#"Promoted Headers",{{"Bank Name", type text}, {"City",
#"Removed Other Columns" = Table.SelectColumns (#"Changed Type1",{"Bank Name", "City", "ST", "Closing D
#"Inserted Merged Column" = Table.AddColumn #"Removed Other Columns" "Merged", each Text.Combine({
in
#"Inserted Merged Column"
No syntax errors have been detected.
Done
Cancel


= #shared
List.RemoveItems Function
List.ReplaceValue Function
List.FindText Function
List.RemoveLastN Function
List.RemoveFirstN Function
Table.ColumnCount Function
Table.AlternateRows Function
Table.InsertRows Function
Table.LastN Function
Table.Last Function
Table.MatchesAllRows Function
Table.MatchesAnyRows Function
Table.Partition Function
function (table as table, column as text, groups as number, hash as function) as list
Partitions the table into a list of groups number of tables, based on the value of the column and a hash function. The hash function is applied to the value of the column row to obtain a hash value for the row. The hash value modulo groups determines in which of the returned tables the row will be placed.
table: The table to partition.
column: The column to hash to determine which returned table the row is in.
groups: The number of tables the input table will be partitioned into.
hash: The function applied to obtain a hash value.
Example: Partition the table ({[a = 2, b = 4], [a = 6, b = 8], [a = 2, b = 4], [a = 1, b = 4]}) into 2 tables on column [a], using the value of the columns as the hash function.
Usage:
Table.Partition(Table.FromRecords({[a = 2, b = 4], [a = 1, b = 4], [a = 2, b = 4], [a = 1, b = 4]}), "a", 2, each _)

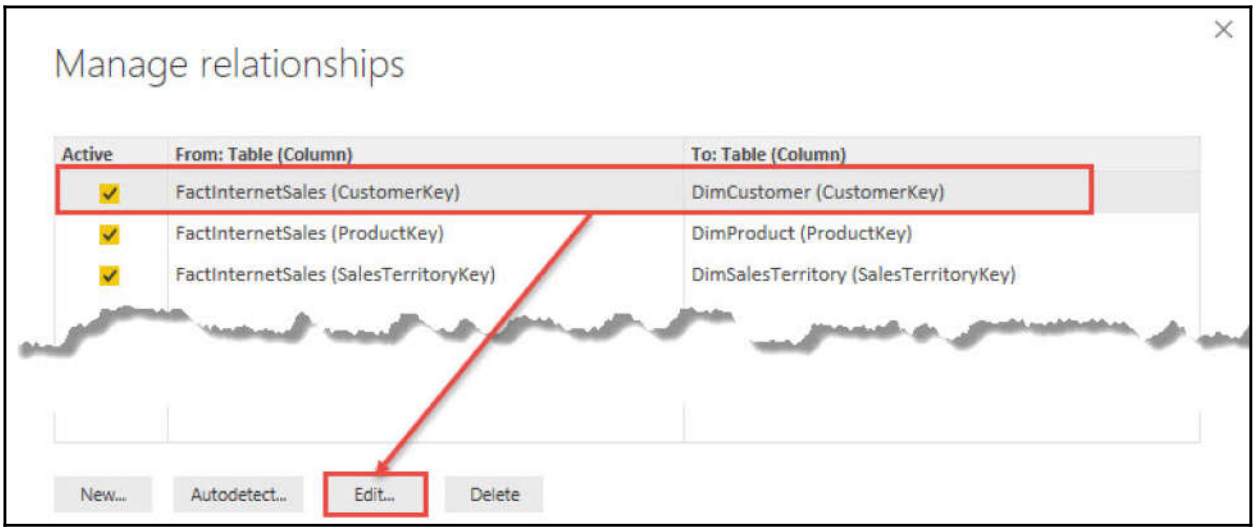
Chapter 3: Building the Data Model

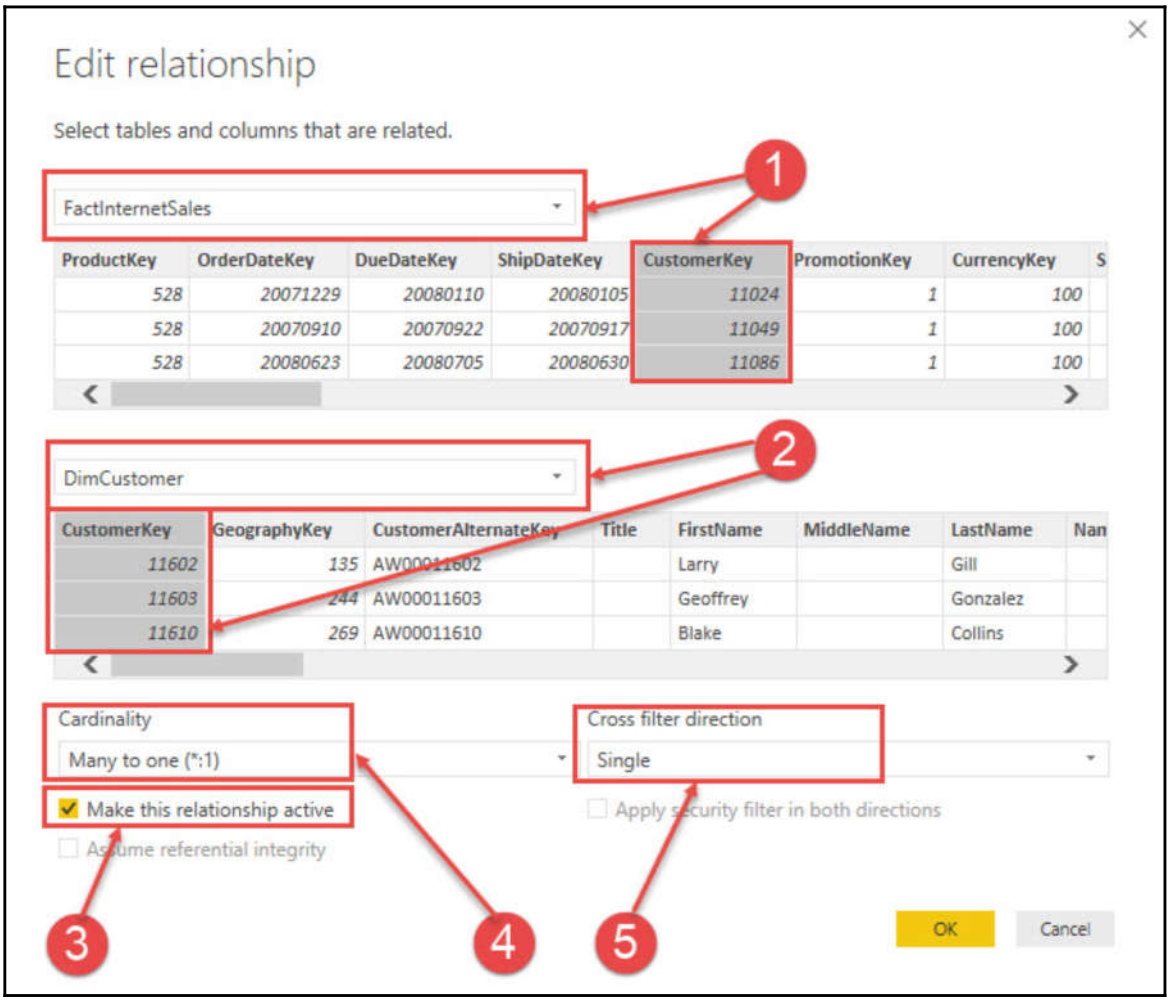


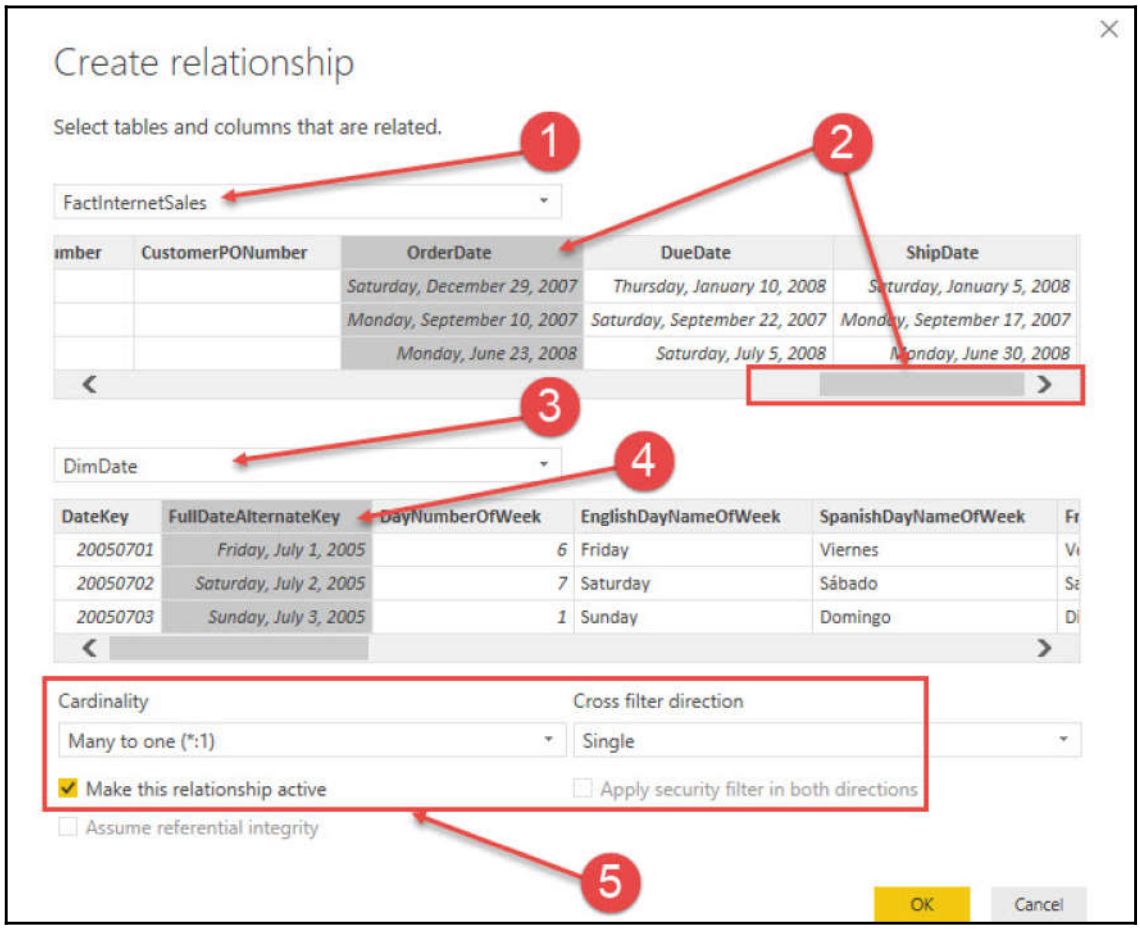


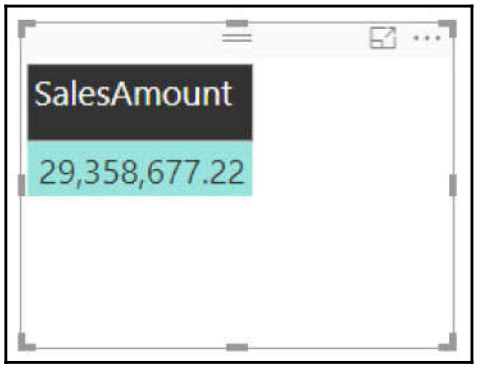

Manage relationships
Active
From: Table (Column)
To: Table (Column)
FactInternetSales (CustomerKey)
DimCustomer (CustomerKey)
FactInternetSales (ProductKey)
DimProduct (ProductKey)
FactInternetSales (SalesTerritoryKey)
DimSalesTerritory (SalesTerritoryKey)
1
2
3
4
New...
Autodetect...
Edit...
Delete
Close


Manage relationships
Active
From: Table (Column)
To: Table (Column)
FactInternetSales (CustomerKey)
DimCustomer (CustomerKey)
FactInternetSales (ProductKey)
DimProduct (ProductKey)
FactInternetSales (SalesTerritoryKey)
DimSalesTerritory (SalesTerritoryKey)


Manage relationships
Active
From: Table (Column)
To: Table (Column)
FactInternetSales (CustomerKey)
DimCustomer (CustomerKey)
FactInternetSales (ProductKey)
DimProduct (ProductKey)
FactInternetSales (SalesTerritoryKey)
DimSalesTerritory (SalesTerritoryKey)
New...
Autodetect...
Edit...
Delete


Edit relationship
Select tables and columns that are related.
FactInternetSales
ProductKey
OrderDateKey
DueDateKey
ShipDateKey
CustomerKey
PromotionKey
CurrencyKey
528
20071229
20080110
20080105
11024
1
100
528
20070910
20070922
20070917
11049
1
100
528
20080623
20080705
20080630
11086
1
100
DimCustomer
CustomerKey
GeographyKey
CustomerAlternateKey
Title
FirstName
MiddleName
LastName
11602
135
AW00011602
Larry
Gill
11603
244
AW00011603
Geoffrey
Gonzalez
11610
269
AW00011610
Blake
Collins
Cardinality
Many to one (*:1)
Cross filter direction
Single
Make this relationship active
Apply security filter in both directions
Assume referential integrity
OK
Cancel
1
2
3
4
5

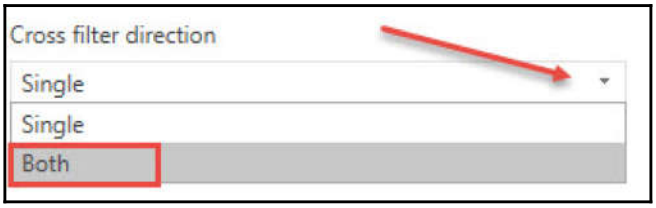

Create relationship
Select tables and columns that are related.
1
2
FactInternetSales
mber
CustomerPONumber
OrderDate
DueDate
ShipDate
Saturday, December 29, 2007
Thursday, January 10, 2008
Saturday, January 5, 2008
Monday, September 10, 2007
Saturday, September 22, 2007
Monday, September 17, 2007
Monday, June 23, 2008
Saturday, July 5, 2008
Monday, June 30, 2008
3
4
DimDate
DateKey
FullDateAlternateKey
DayNumberOfWeek
EnglishDayNameOfWeek
SpanishDayNameOfWeek
20050701
Friday, July 1, 2005
6
Friday
Viernes
20050702
Saturday, July 2, 2005
7
Saturday
Sábado
20050703
Sunday, July 3, 2005
1
Sunday
Domingo
Cardinality
Cross filter direction
Many to one (*:1)
Single
Make this relationship active
Apply security filter in both directions
Assume referential integrity
5
OK
Cancel


SalesAmount
29,358,677.22

SalesTerritoryCountry	SalesAmount
Australia	9,061,000.58
Canada	1,977,844.86
France	2,644,017.71
Germany	2,894,312.34
United Kingdom	3,391,712.21
United States	9,389,789.51
Total	**29,358,677.22**

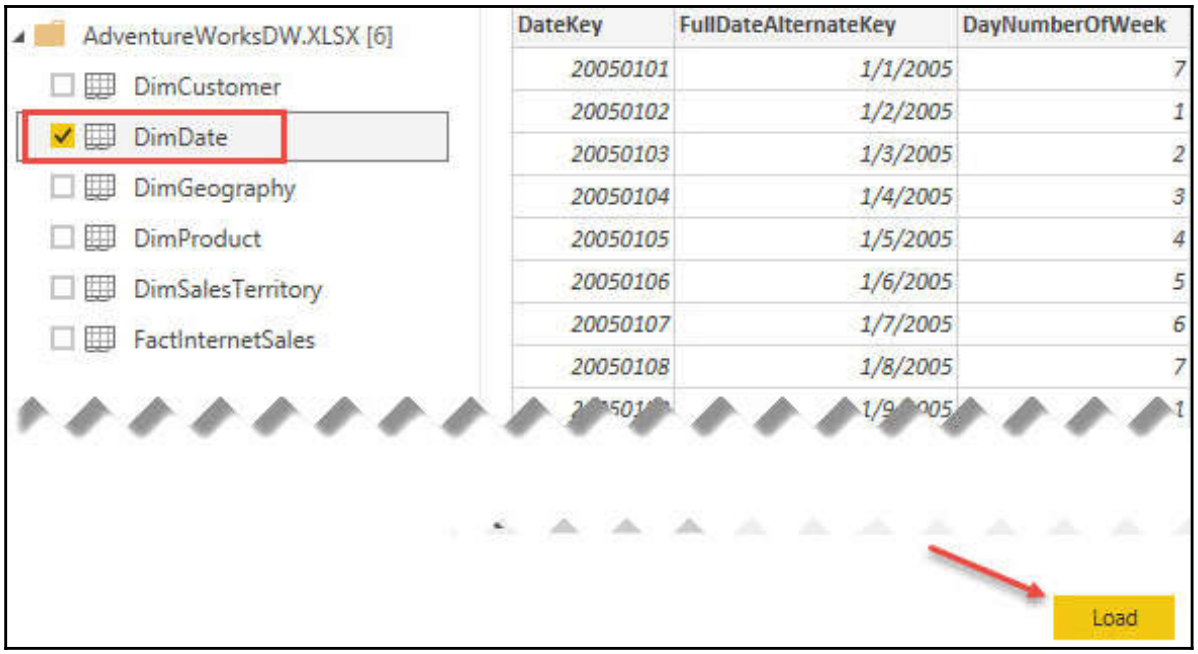
Temperature Range	SalesAmount
Cold	29,358,677.22
Cool	29,358,677.22
Hot	29,358,677.22
Warm	29,358,677.22
Total	**29,358,677.22**

1 EnglishProductName	2 Total Sales	3 Total Transactions	4 Customer Count
Adjustable Race			18484
All-Purpose Bike Stand	$39,591	249	18484
AWC Logo Cap	$19,688	2190	18484
BB Ball Bearing			18484
Bearing Ball			18484
Bike Wash - Dissolver	$7,219	908	18484
Blade			18484
Cable Lock			18484
Chain			18484
Chain Stays			18484



EnglishProductName	Total Sales	Total Transactions	Customer Count
All-Purpose Bike Stand	$39,591	249	243
AWC Logo Cap	$19,688	2190	2132
Bike Wash - Dissolver	$7,219	908	875
Classic Vest, L	$12,383	195	195
Classic Vest, M	$12,637	199	199
Classic Vest, S	$10,668	168	168
Fender Set - Mountain	$46,620	2121	2110
Half-Finger Gloves, L	$10,849	443	437

CalendarYear	Total Sales	Total Transactions
2005	$3,266,374	1013
2006	$6,530,344	2677
2007	$9,791,060	24443
2008	$9,770,900	32265
Total	**$29,358,677**	**60398**

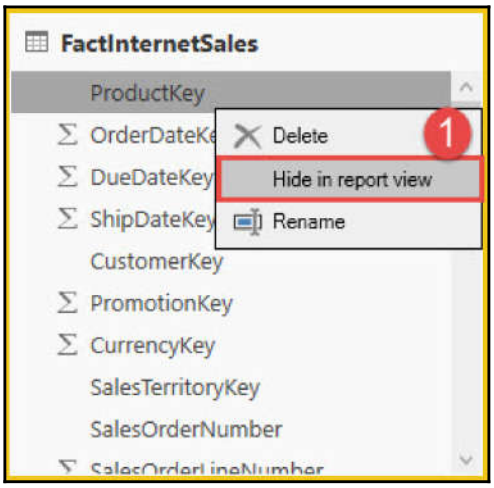


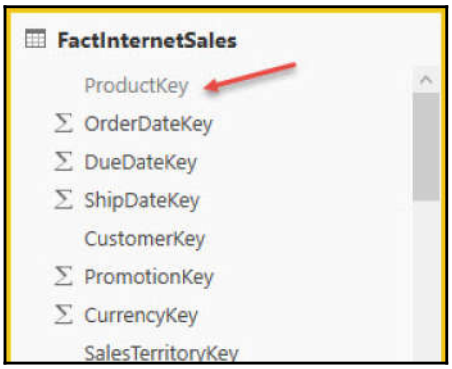
Total Sales and Transactions by Order Year

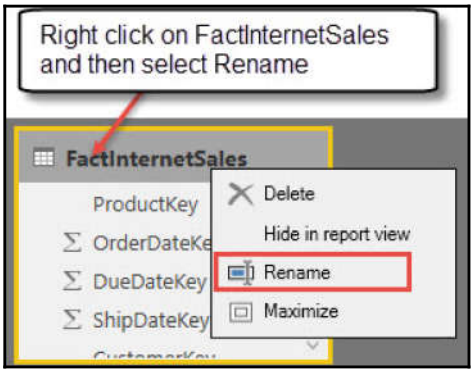
Year (Order)	Total Sales	Total Transactions
2005	$3,266,374	1013
2006	$6,530,344	2677
2007	$9,791,060	24443
2008	$9,770,900	32265
Total	**$29,358,677**	**60398**

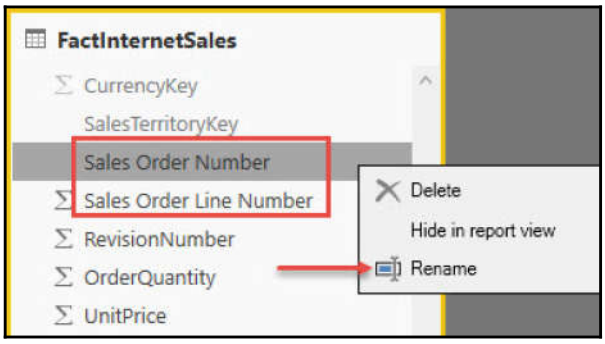
Total Sales and Transactions by Ship Year

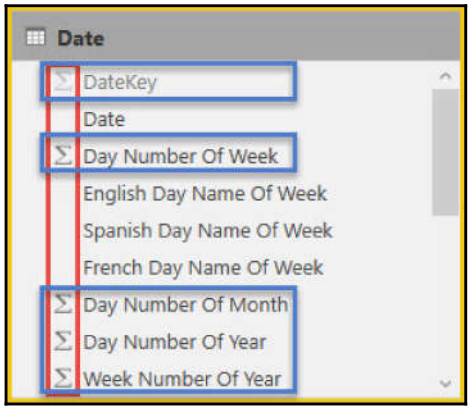
Year (Ship)	Total Sales	Total Transactions
2005	$3,105,587	962
2006	$6,576,979	2665
2007	$9,517,549	23313
2008	$10,158,562	33458
Total	**$29,358,677**	**60398**


FactInternetSales
ProductKey
OrderDateKe
DueDateKey
ShipDateKey
CustomerKey
PromotionKey
CurrencyKey
SalesTerritoryKey
SalesOrderNumber
Delete
1
Hide in report view
Rename

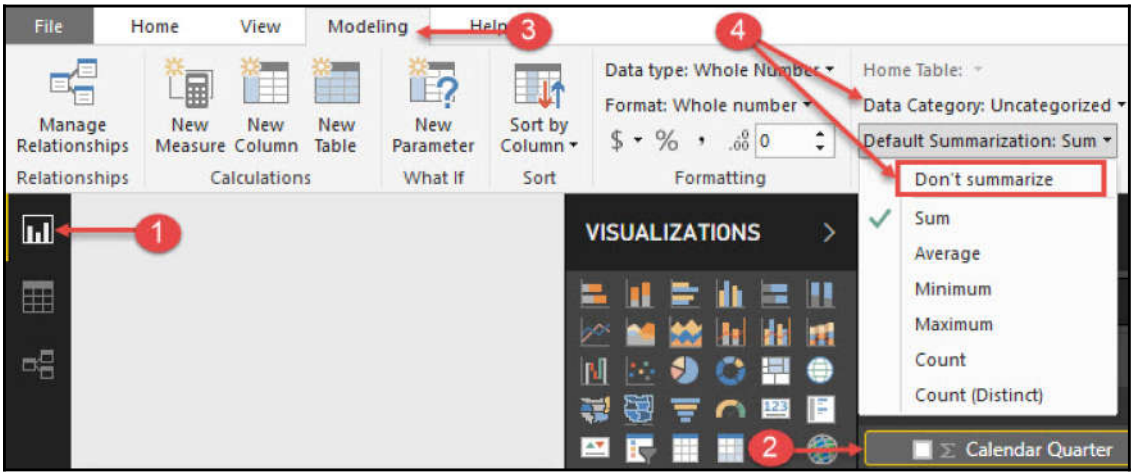

FactInternetSales
ProductKey
OrderDateKey
DueDateKey
ShipDateKey
CustomerKey
PromotionKey
CurrencyKey
SalesTerritoryKey


Right click on FactInternetSales and then select Rename
FactInternetSales
ProductKey
OrderDateKe
DueDateKey
ShipDateKey
Delete
Hide in report view
Rename
Maximize

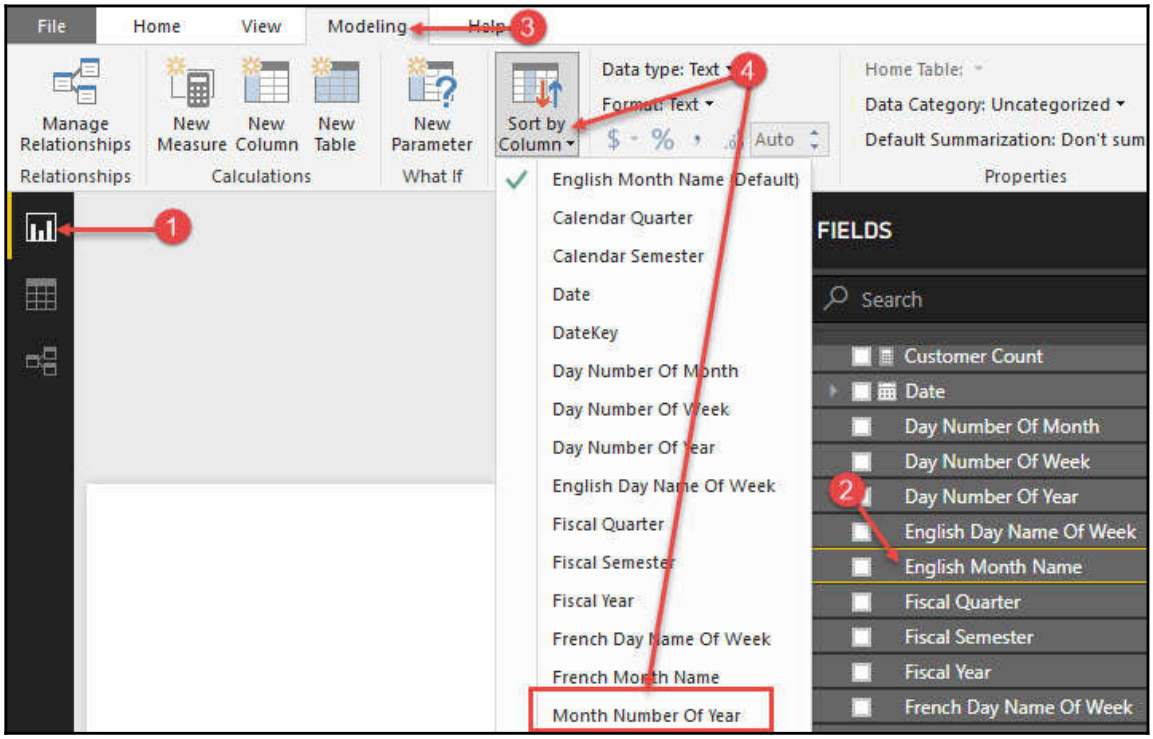

FactInternetSales
CurrencyKey
SalesTerritoryKey
Sales Order Number
Sales Order Line Number
RevisionNumber
OrderQuantity
UnitPrice
Delete
Hide in report view
Rename


Date
DateKey
Date
Day Number Of Week
English Day Name Of Week
Spanish Day Name Of Week
French Day Name Of Week
Day Number Of Month
Day Number Of Year
Week Number Of Year

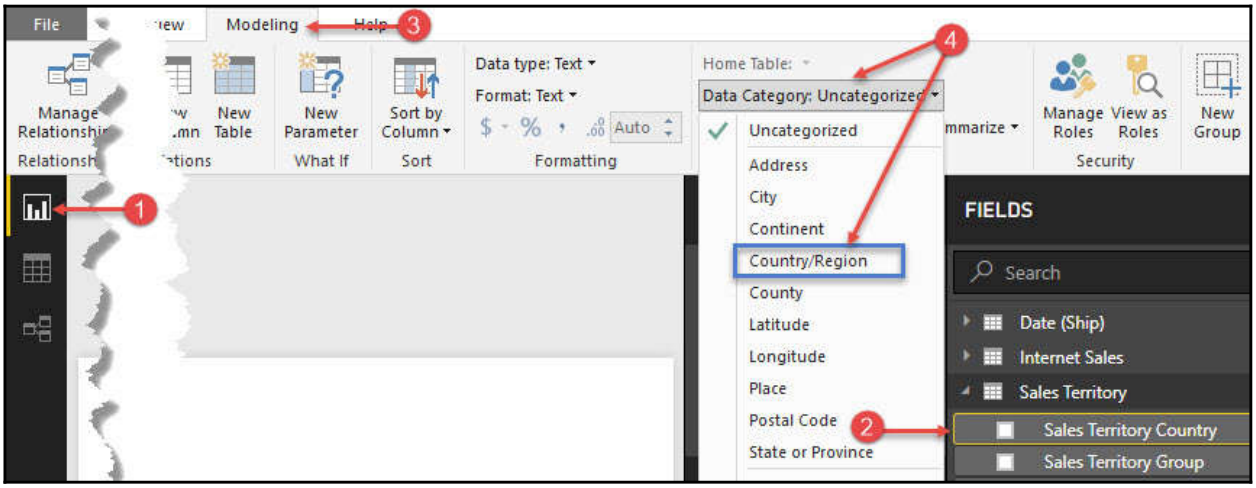

Year
4398433

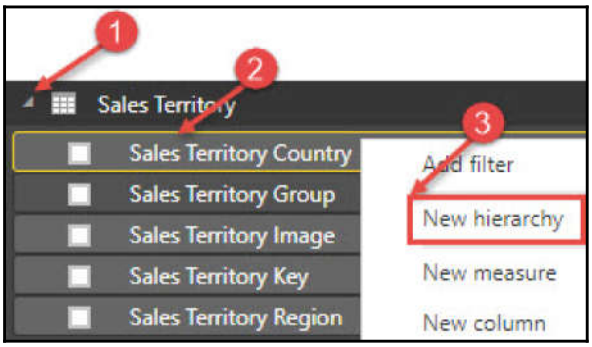

File
Home
View
Modeling
Help
3
4
Manage Relationships
Relationships
New Measure
New Column
New Table
Calculations
New Parameter
What If
Sort by Column
Sort
Data type: Whole Number
Format: Whole number
Formatting
Home Table:
Data Category: Uncategorized
Default Summarization: Sum
Don't summarize
Sum
Average
Minimum
Maximum
Count
Count (Distinct)
1
VISUALIZATIONS
2
Calendar Quarter


English Month Name
April
August
December
February
January
July
June
March
May
November
October
September

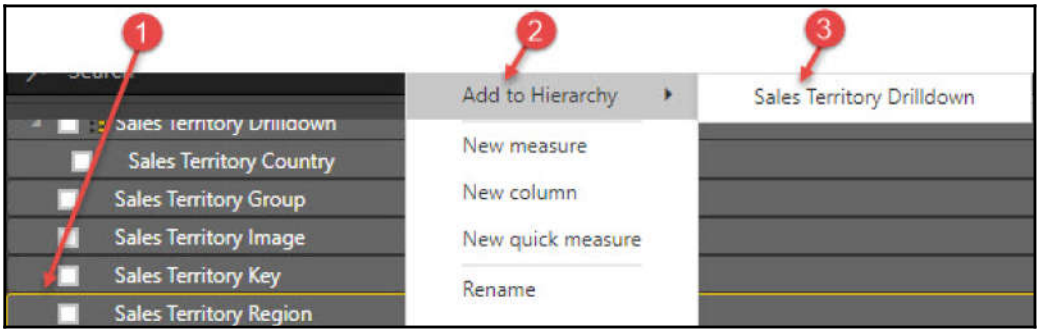

File
Home
View
Modeling
Help
3
Manage Relationships
Relationships
New Measure
New Column
New Table
Calculations
New Parameter
What If
Sort by Column
Data type: Text
4
Format: Text
Auto
Home Table:
Data Category: Uncategorized
Default Summarization: Don't sum
Properties
1
English Month Name (Default)
Calendar Quarter
Calendar Semester
Date
DateKey
Day Number Of Month
Day Number Of Week
Day Number Of Year
English Day Name Of Week
Fiscal Quarter
Fiscal Semester
Fiscal Year
French Day Name Of Week
French Month Name
Month Number Of Year
FIELDS
Search
Customer Count
Date
Day Number Of Month
Day Number Of Week
Day Number Of Year
2
English Day Name Of Week
English Month Name
Fiscal Quarter
Fiscal Semester
Fiscal Year
French Day Name Of Week

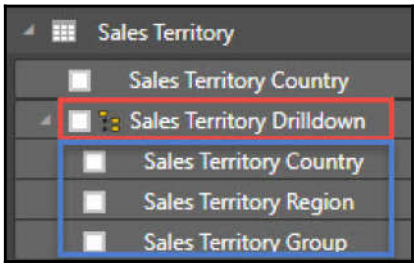

Home Table:
Data Category: Uncategorized
Uncategorized
Address
City
Continent
Country/Region
County
Latitude
Longitude
Place
Postal Code
State or Province
Web URL
Image URL
Barcode

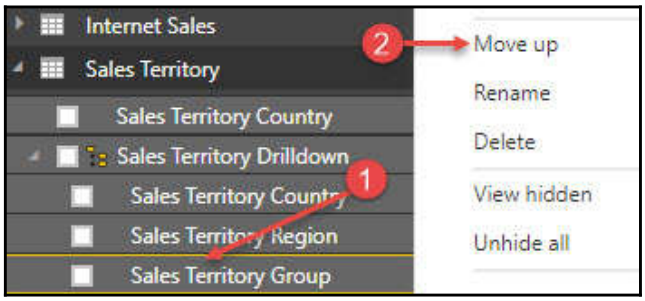

File
Modeling
Help
3
Manage Relationships
New Table
New Parameter
Sort by Column
Data type: Text
Format: Text
Auto
Formatting
Sort
What If
Home Table:
Data Category: Uncategorized
Uncategorized
Address
City
Continent
Country/Region
County
Latitude
Longitude
Place
Postal Code
State or Province
4
Manage Roles
View as Roles
New Group
Security
1
2
FIELDS
Search
Date (Ship)
Internet Sales
Sales Territory
Sales Territory Country
Sales Territory Group


1
2
3
Sales Territory
Sales Territory Country
Sales Territory Group
Sales Territory Image
Sales Territory Key
Sales Territory Region
Add filter
New hierarchy
New measure
New column

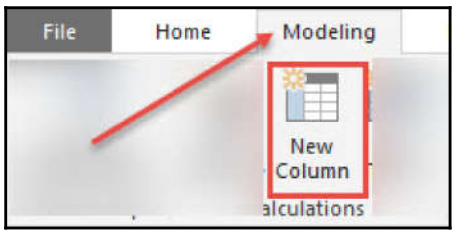

Sales Territory
Sales Territory Country
Sales Territory Country Hierarchy
Sales Territory Country

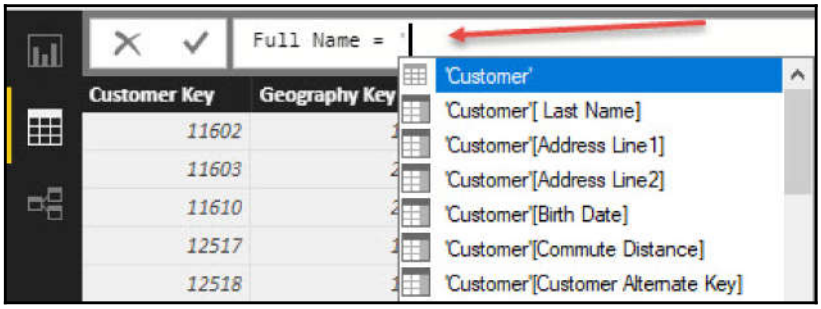

1
2
3
Add to Hierarchy
Sales Territory Drilldown
Sales Territory Country
Sales Territory Group
Sales Territory Image
Sales Territory Key
Sales Territory Region
New measure
New column
New quick measure
Rename

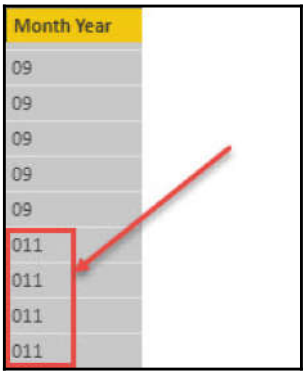

Sales Territory
Sales Territory Country
Sales Territory Drilldown
Sales Territory Country
Sales Territory Region
Sales Territory Group


Internet Sales
Sales Territory
Sales Territory Country
Sales Territory Drilldown
Sales Territory Country
Sales Territory Region
Sales Territory Group
1
2
Move up
Rename
Delete
View hidden
Unhide all

Chapter 4: Leveraging DAX








```
Customer Age =
IF(
     FORMAT('Customer'[Birth Date], "MMDD") <= FORMAT(TODAY(), "MMDD"), //Logical Test
     DATEDIFF('Customer'[Birth Date], TODAY(), YEAR),                   //Result If True
     DATEDIFF('Customer'[Birth Date], TODAY(), YEAR) -1)                //Result If False
```

```
Age Breakdown =
SWITCH(TRUE(),
    'Customer'[Customer Age] >= 55,  "55 +", //If 55 or older then 55 +
    'Customer'[Customer Age] >= 45, "45-54", //If 45-54 then 45-54
    'Customer'[Customer Age] >= 35, "35-44", //If 35-44 then 35-44
    "18-34")                                 //ELSE, 18-34
```

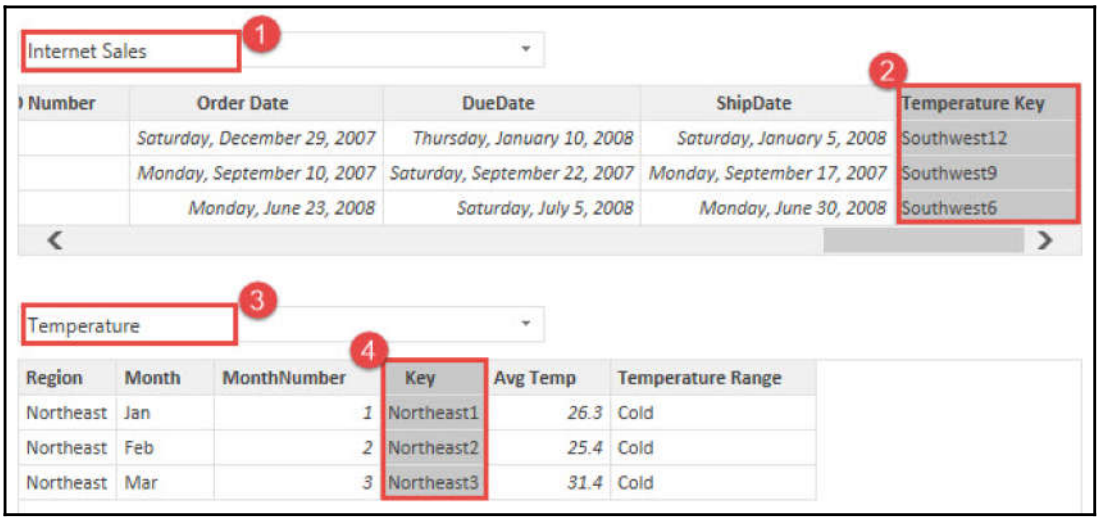
Region	Month	MonthNumber	Key	Avg Temp	Temperature Range
Northeast	Jan	1	Northeast1	26.3	Cold
Northeast	Feb	2	Northeast2	25.4	Cold
Northeast	Mar	3	Northeast3	31.4	Cold
Northeast	Apr	4	Northeast4	48.1	Cool

```
Temperature Key =
'Sales T
```

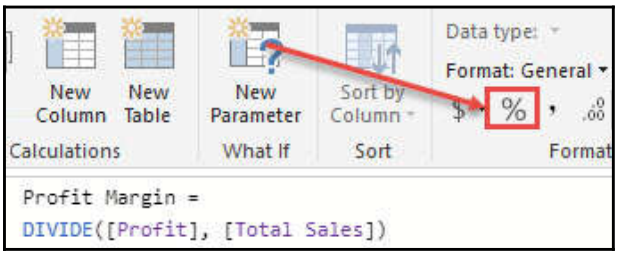
```
Temperature Key =
RELATED('Sales T
```

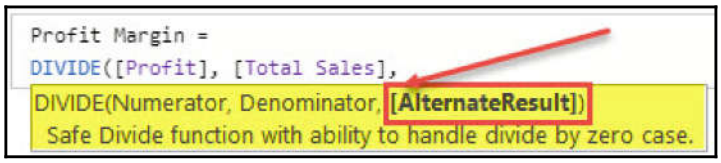
- 'Sales Territory'
- 'Sales Territory'[Sales Territory Country]
- 'Sales Territory'[Sales Territory Group]
- 'Sales Territory'[Sales Territory Image]
- 'Sales Territory'[Sales Territory Key]
- 'Sales Territory'[Sales Territory Region]
- 'Sales Territory'[SalesTerritoryAlternateKey]

```
Temperature Key =
RELATED('Sales Territory'[Sales Territory Region]) & //Return the region from Sales Territory table
RELATED('Date (Order)'[Month Number Of Year])       //Return the Month number of year from the Date table
```


Internet Sales
1
2
Number
Order Date
DueDate
ShipDate
Temperature Key
Saturday, December 29, 2007
Thursday, January 10, 2008
Saturday, January 5, 2008
Southwest12
Monday, September 10, 2007
Saturday, September 22, 2007
Monday, September 17, 2007
Southwest9
Monday, June 23, 2008
Saturday, July 5, 2008
Monday, June 30, 2008
Southwest6
Temperature
3
4
Region
Month
MonthNumber
Key
Avg Temp
Temperature Range
Northeast
Jan
1
Northeast1
26.3
Cold
Northeast
Feb
2
Northeast2
25.4
Cold
Northeast
Mar
3
Northeast3
31.4
Cold

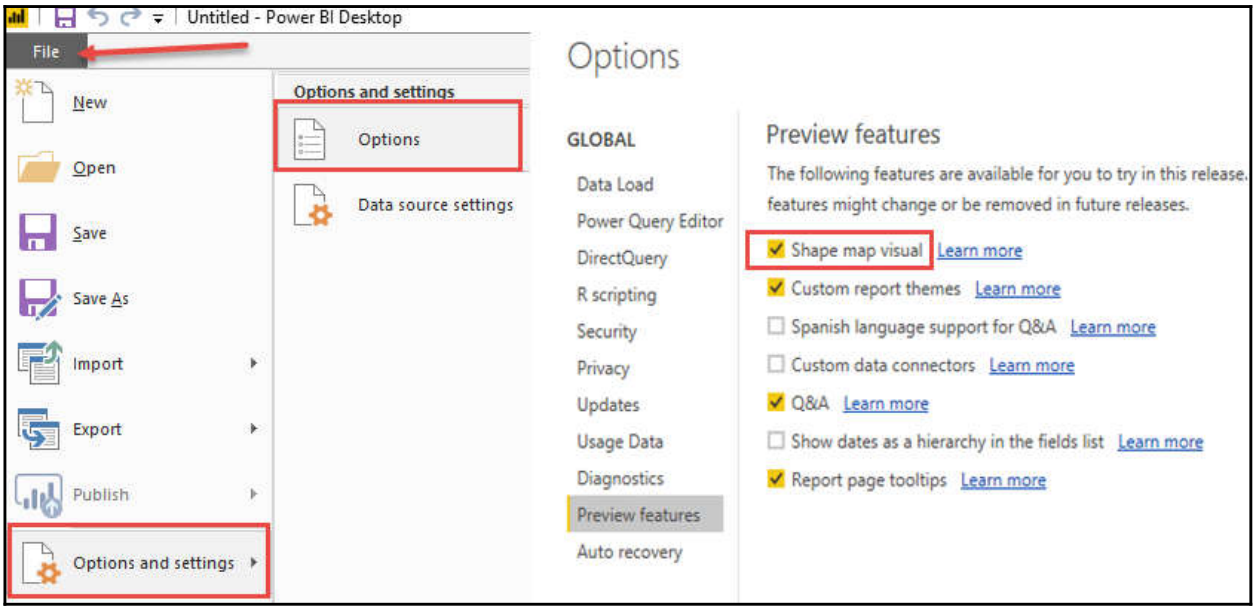

Data type:
1
Format: General
$
%
,
Auto
Common currency symbols
Currency general
€ Euro (€ 123)
€ Euro (123 €)
¥ Chinese (PRC)
2
£ English (United Kingdom)
$ English (United States)
CHF French (Switzerland)

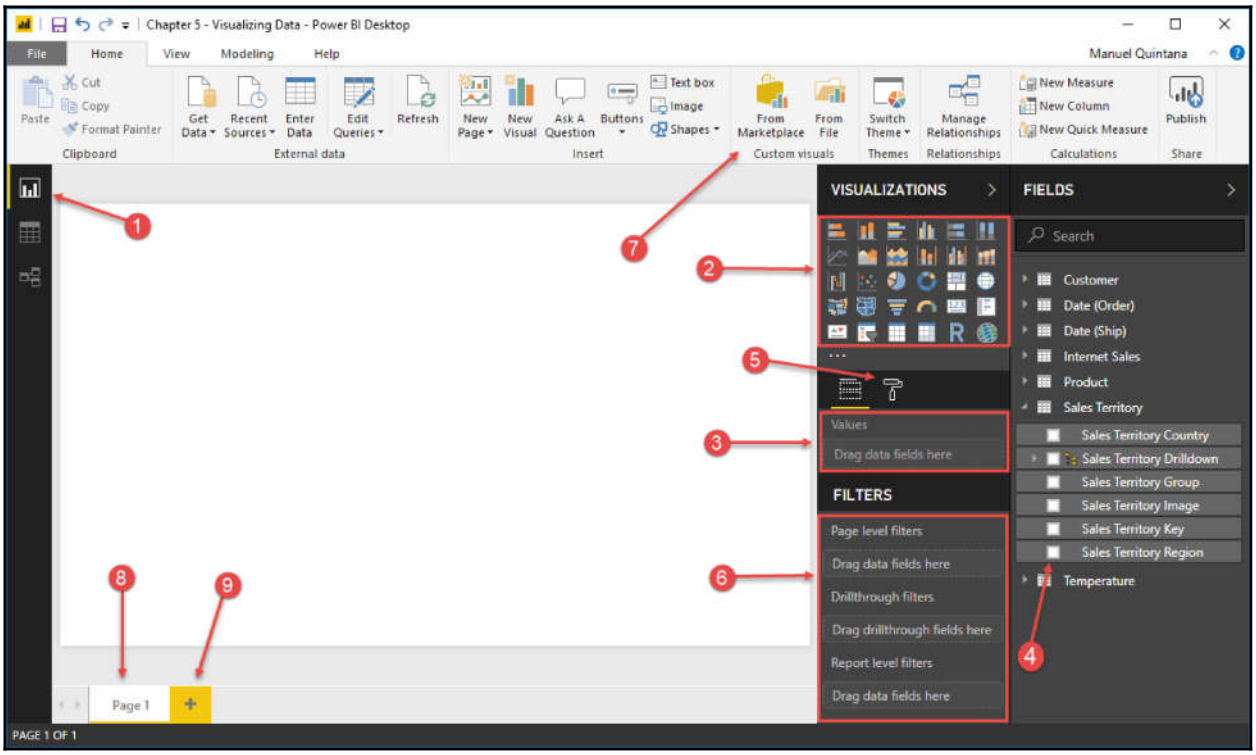

New Column
New Table
Calculations
New Parameter
What If
Sort by Column
Sort
Data type:
Format: General
$
%
,
Format
Profit Margin =
DIVIDE([Profit], [Total Sales])

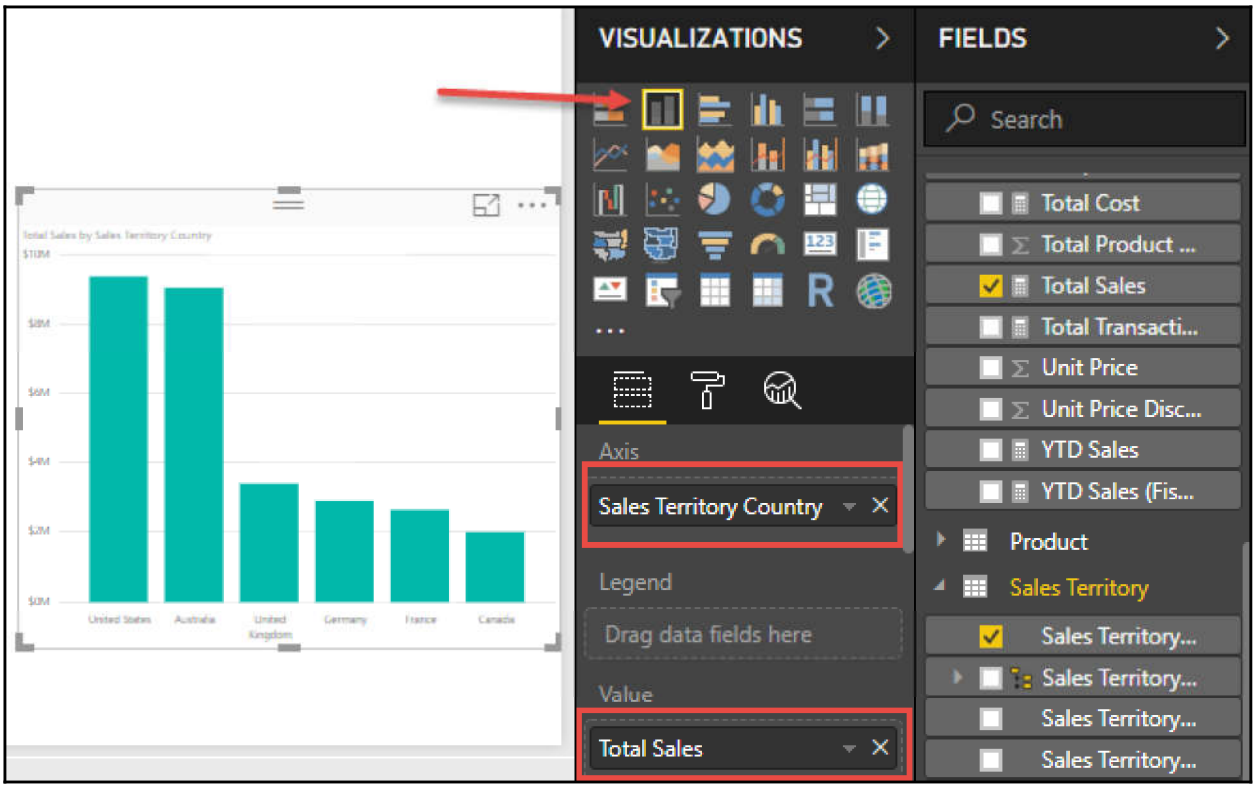


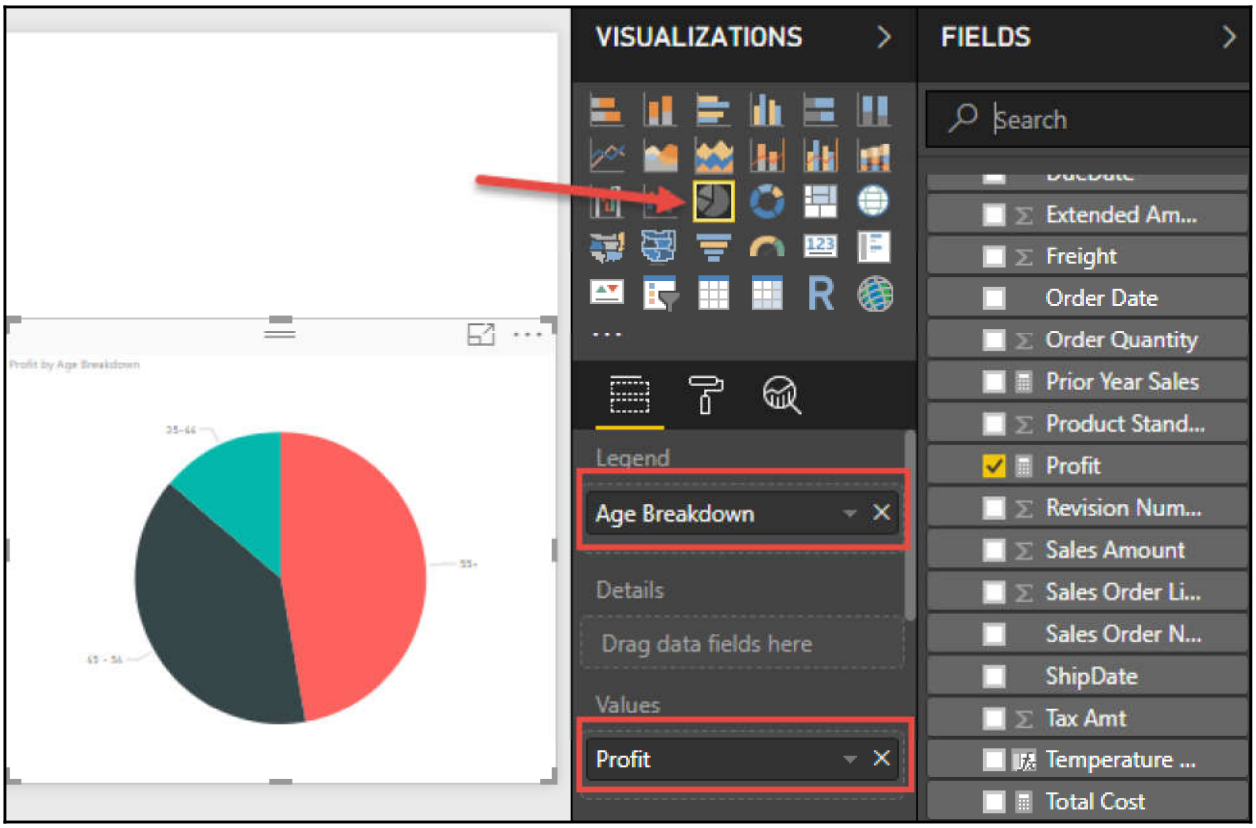
Sales Territory Country	Total Sales	Total Sales all Countries
Australia	9,061,000.58	29,358,677
Canada	1,977,844.86	29,358,677
France	2,644,017.71	29,358,677
Germany	2,894,312.34	29,358,677
United Kingdom	3,391,712.21	29,358,677
United States	9,389,789.51	29,358,677
Total	**29,358,677.22**	

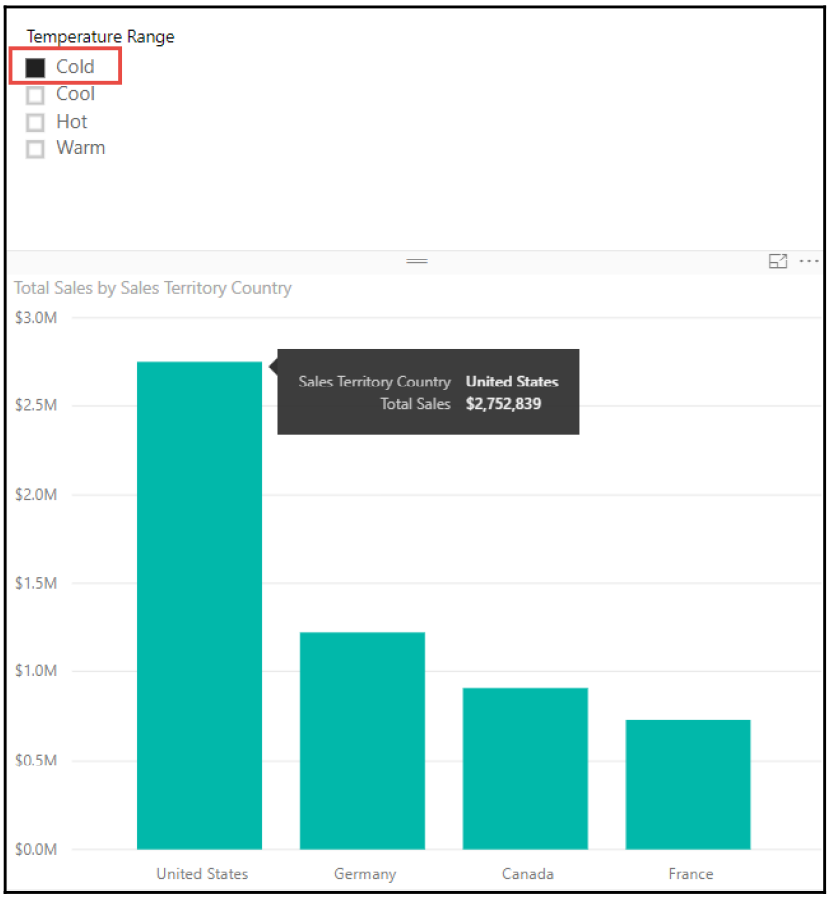
Chapter 5: Visualizing Data

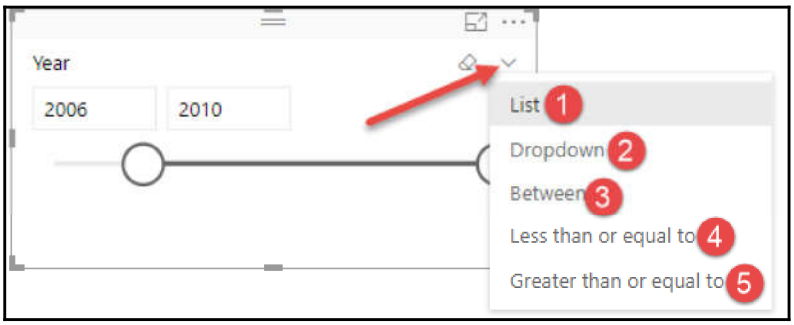


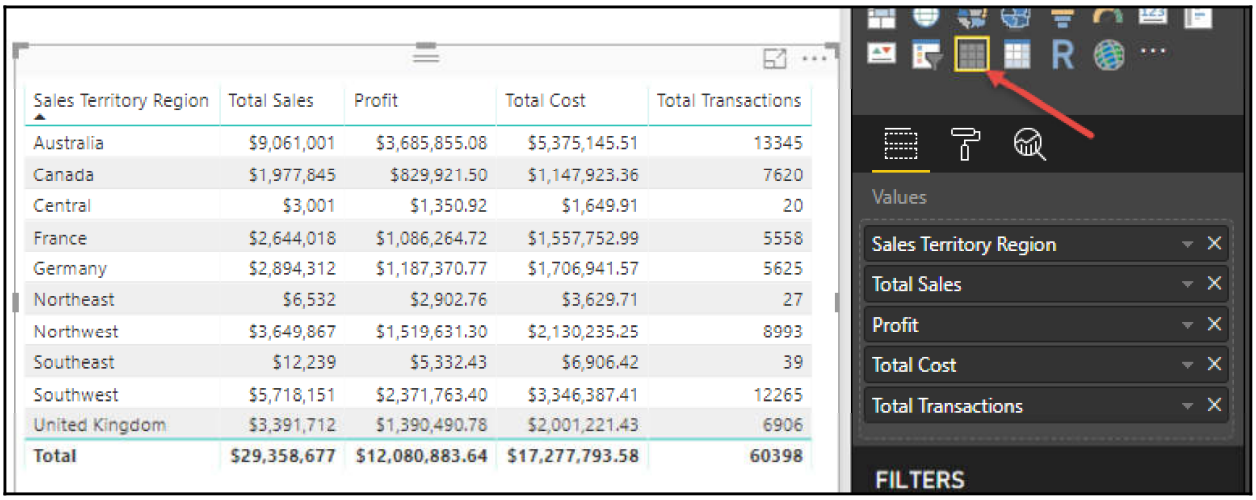

Chapter 5 - Visualizing Data - Power BI Desktop
File
Home
View
Modeling
Help
Manuel Quintana
Paste
Cut
Copy
Format Painter
Clipboard
Get Data
Recent Sources
Enter Data
Edit Queries
Refresh
External data
New Page
New Visual
Ask A Question
Buttons
Text box
Image
Shapes
Insert
From Marketplace
From File
Custom visuals
Switch Theme
Themes
Manage Relationships
Relationships
New Measure
New Column
New Quick Measure
Calculations
Publish
Share
VISUALIZATIONS
FIELDS
Search
Customer
Date (Order)
Date (Ship)
Internet Sales
Product
Sales Territory
Sales Territory Country
Sales Territory Drilldown
Sales Territory Group
Sales Territory Image
Sales Territory Key
Sales Territory Region
Temperature
Values
Drag data fields here
FILTERS
Page level filters
Drag data fields here
Drillthrough filters
Drag drillthrough fields here
Report level filters
Drag data fields here
Page 1
PAGE 1 OF 1
1
2
3
4
5
6
7
8
9

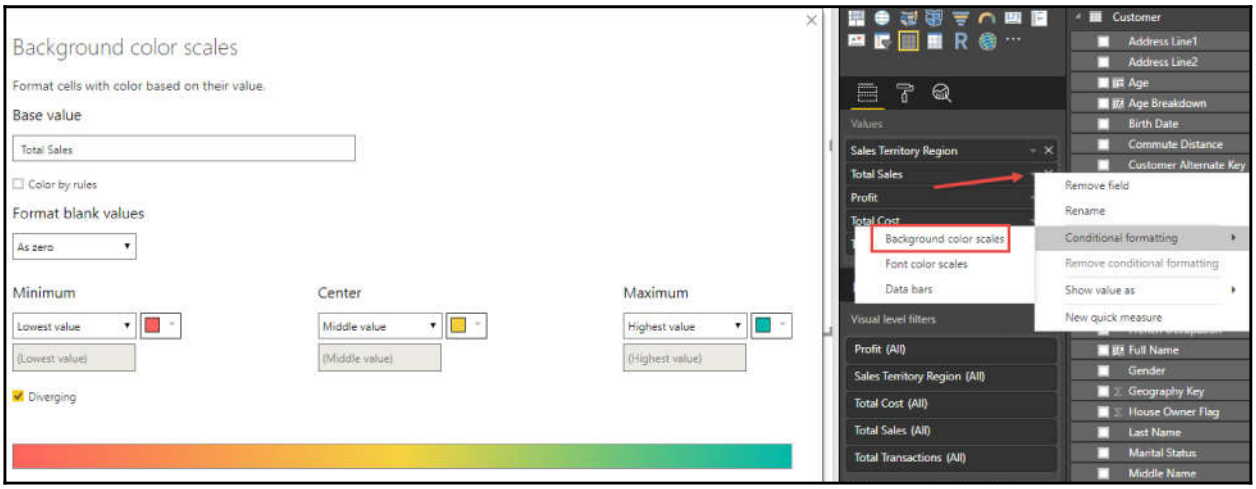

VISUALIZATIONS
FIELDS
Search
Total Cost
Total Product ...
Total Sales
Total Transacti...
Unit Price
Unit Price Disc...
YTD Sales
YTD Sales (Fis...
Product
Sales Territory
Sales Territory...
Sales Territory...
Sales Territory...
Sales Territory...
Axis
Sales Territory Country
Legend
Drag data fields here
Value
Total Sales

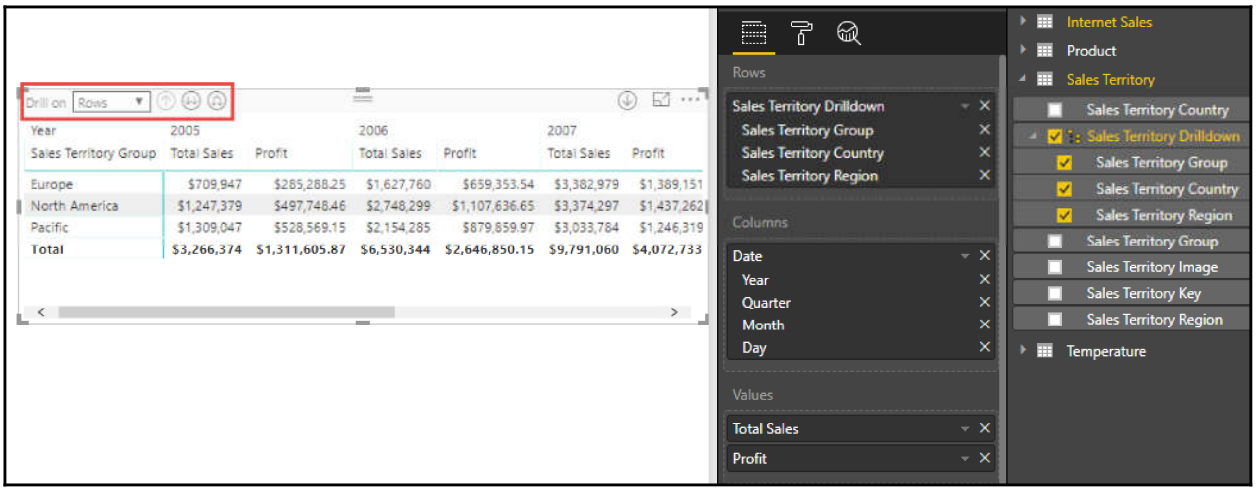

VISUALIZATIONS
FIELDS
Search
Extended Am...
Freight
Order Date
Order Quantity
Prior Year Sales
Product Stand...
Profit
Revision Num...
Sales Amount
Sales Order Li...
Sales Order N...
ShipDate
Tax Amt
Temperature ...
Total Cost
Legend
Age Breakdown
Details
Drag data fields here
Values
Profit

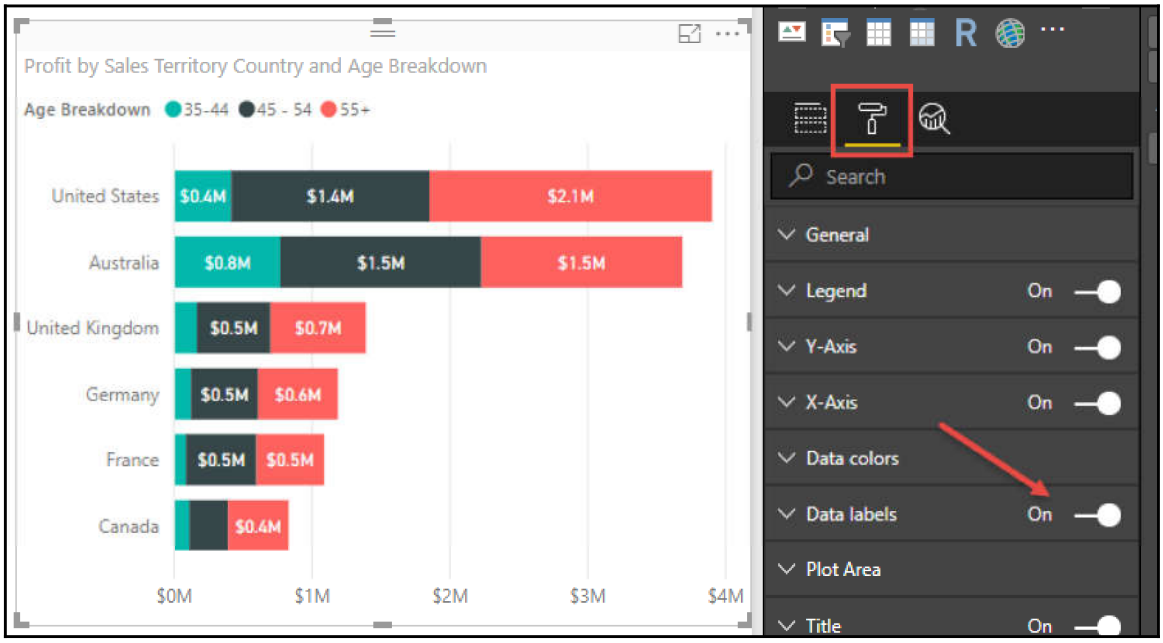

Temperature Range
Cold
Cool
Hot
Warm
Total Sales by Sales Territory Country
$3.0M
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
Sales Territory Country United States
Total Sales $2,752,839
United States
Germany
Canada
France

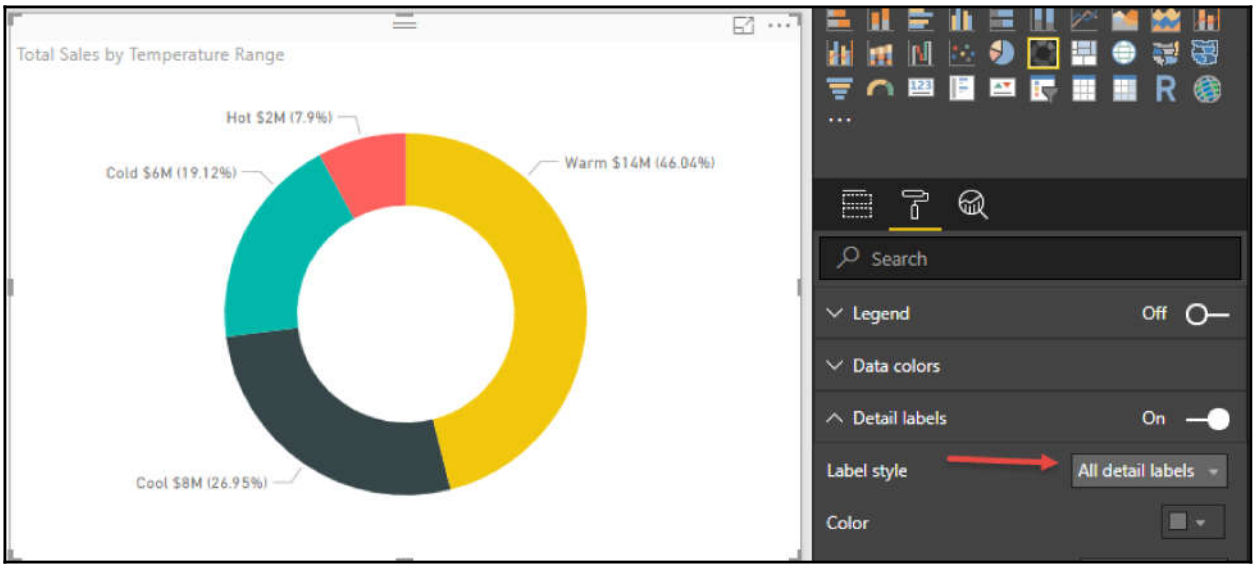

Year
2006
2010
List 1
Dropdown 2
Between 3
Less than or equal to 4
Greater than or equal to 5

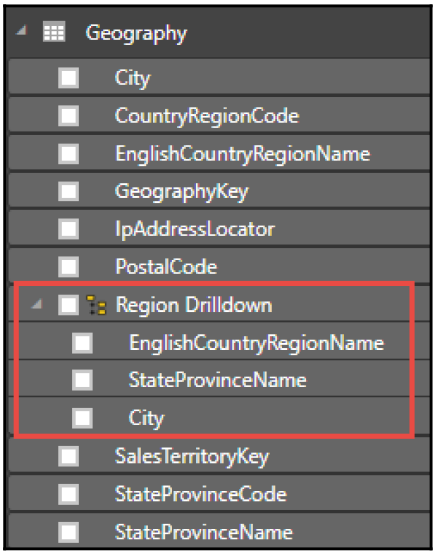

Sales Territory Region
Total Sales
Profit
Total Cost
Total Transactions
Australia $9,061,001 $3,685,855.08 $5,375,145.51 13345
Canada $1,977,845 $829,921.50 $1,147,923.36 7620
Central $3,001 $1,350.92 $1,649.91 20
France $2,644,018 $1,086,264.72 $1,557,752.99 5558
Germany $2,894,312 $1,187,370.77 $1,706,941.57 5625
Northeast $6,532 $2,902.76 $3,629.71 27
Northwest $3,649,867 $1,519,631.30 $2,130,235.25 8993
Southeast $12,239 $5,332.43 $6,906.42 39
Southwest $5,718,151 $2,371,763.40 $3,346,387.41 12265
United Kingdom $3,391,712 $1,390,490.78 $2,001,221.43 6906
Total $29,358,677 $12,080,883.64 $17,277,793.58 60398
Values
Sales Territory Region
Total Sales
Profit
Total Cost
Total Transactions
FILTERS


Background color scales
Format cells with color based on their value.
Base value
Total Sales
Color by rules
Format blank values
As zero
Minimum
Lowest value
(Lowest value)
Center
Middle value
(Middle value)
Maximum
Highest value
(Highest value)
Diverging
Remove field
Rename
Conditional formatting
Remove conditional formatting
Show value as
New quick measure
Background color scales
Font color scales
Data bars
Customer
Address Line1
Address Line2
Age
Age Breakdown
Birth Date
Commute Distance
Customer Alternate Key
Full Name
Gender
Geography Key
House Owner Flag
Last Name
Marital Status
Middle Name

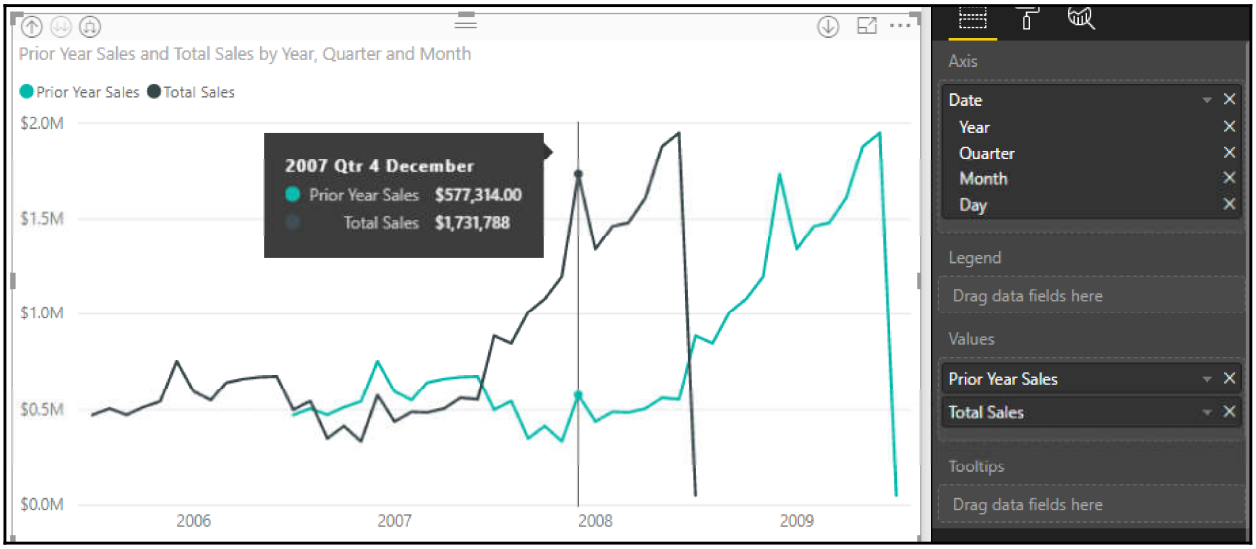

Drill on
Rows
Year
2005
2006
2007
Sales Territory Group
Total Sales
Profit
Total Sales
Profit
Total Sales
Profit
Europe
$709,947
$285,288.25
$1,627,760
$659,353.54
$3,382,979
$1,389,151
North America
$1,247,379
$497,748.46
$2,748,299
$1,107,636.65
$3,374,297
$1,437,262
Pacific
$1,309,047
$528,569.15
$2,154,285
$879,859.97
$3,033,784
$1,246,319
Total
$3,266,374
$1,311,605.87
$6,530,344
$2,646,850.15
$9,791,060
$4,072,733
Rows
Sales Territory Drilldown
Sales Territory Group
Sales Territory Country
Sales Territory Region
Columns
Date
Year
Quarter
Month
Day
Values
Total Sales
Profit
Internet Sales
Product
Sales Territory
Sales Territory Country
Sales Territory Drilldown
Sales Territory Group
Sales Territory Country
Sales Territory Region
Sales Territory Group
Sales Territory Image
Sales Territory Key
Sales Territory Region
Temperature


Profit by Sales Territory Country and Age Breakdown
Age Breakdown
35-44
45 - 54
55+
United States
$0.4M
$1.4M
$2.1M
Australia
$0.8M
$1.5M
$1.5M
United Kingdom
$0.5M
$0.7M
Germany
$0.5M
$0.6M
France
$0.5M
$0.5M
Canada
$0.4M
$0M
$1M
$2M
$3M
$4M
Search
General
Legend
On
Y-Axis
On
X-Axis
On
Data colors
Data labels
On
Plot Area
Title
On

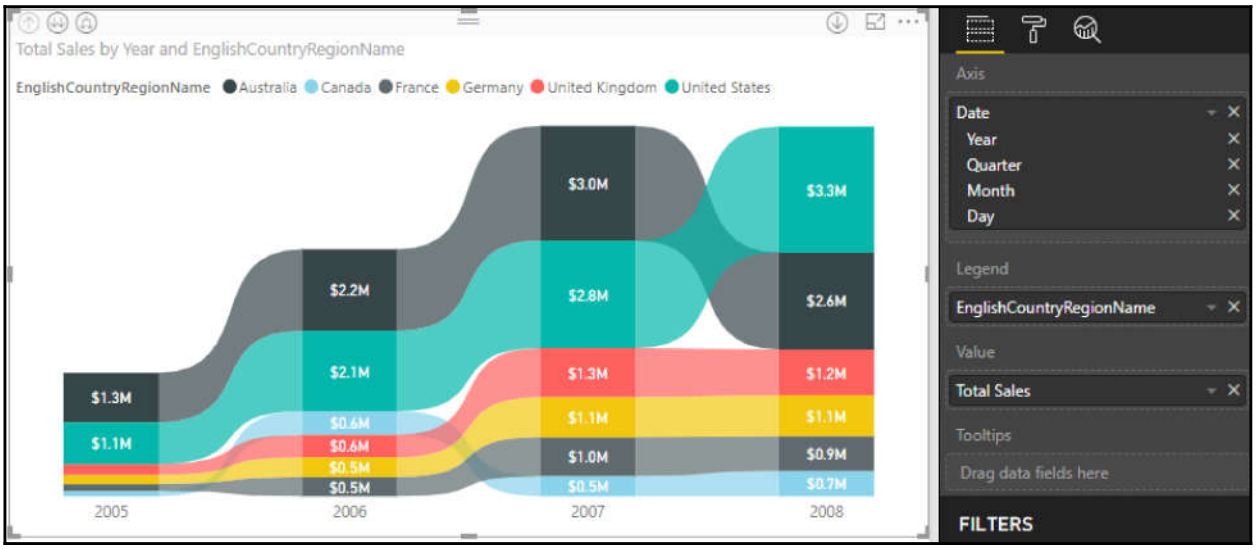

Total Sales by Temperature Range
Hot $2M (7.9%)
Cold $6M (19.12%)
Warm $14M (46.04%)
Cool $8M (26.95%)
Search
Legend
Off
Data colors
Detail labels
On
Label style
All detail labels
Color

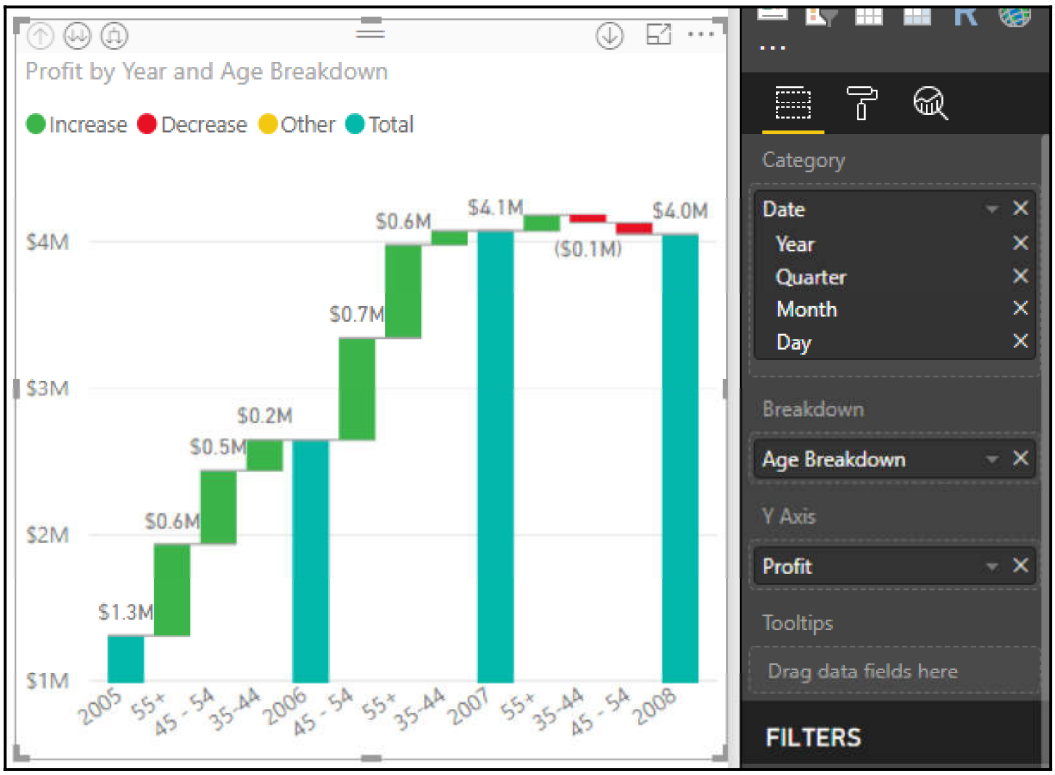

Geography
City
CountryRegionCode
EnglishCountryRegionName
GeographyKey
IpAddressLocator
PostalCode
Region Drilldown
EnglishCountryRegionName
StateProvinceName
City
SalesTerritoryKey
StateProvinceCode
StateProvinceName

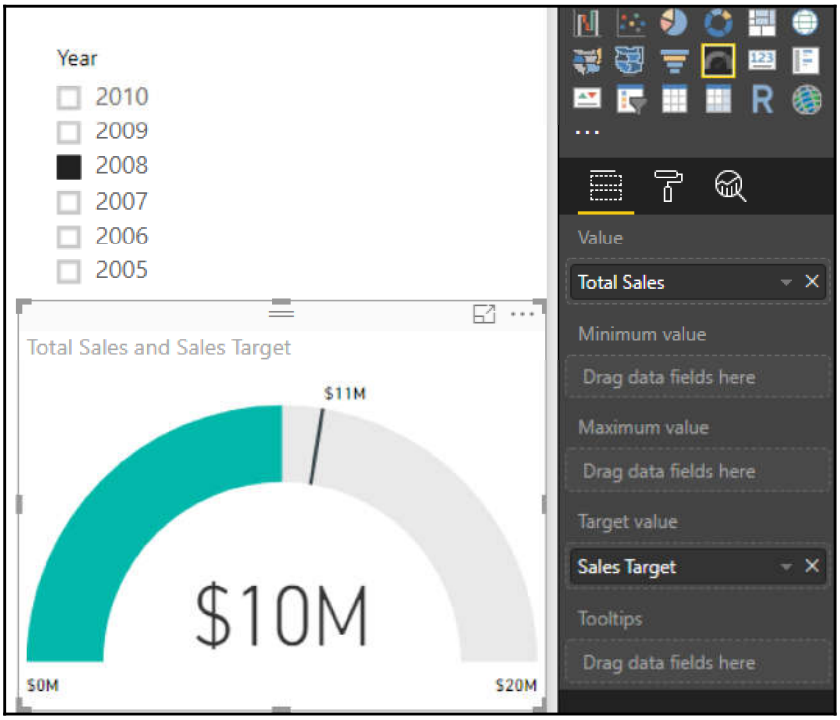

Total Sales, Profit and Order Quantity by EnglishCountryRegionName
EnglishCountryRegionName Australia Canada France Germany United Kingdom United States
$4M
$3M
$2M
$1M
Profit
$1M $2M $3M $4M $5M $6M $7M $8M $9M $10M
Total Sales
Details
Drag data fields here
Legend
EnglishCountryRegionName
X Axis
Total Sales
Y Axis
Profit
Size
Order Quantity
Color saturation
Drag data fields here
Play Axis
Drag data fields here

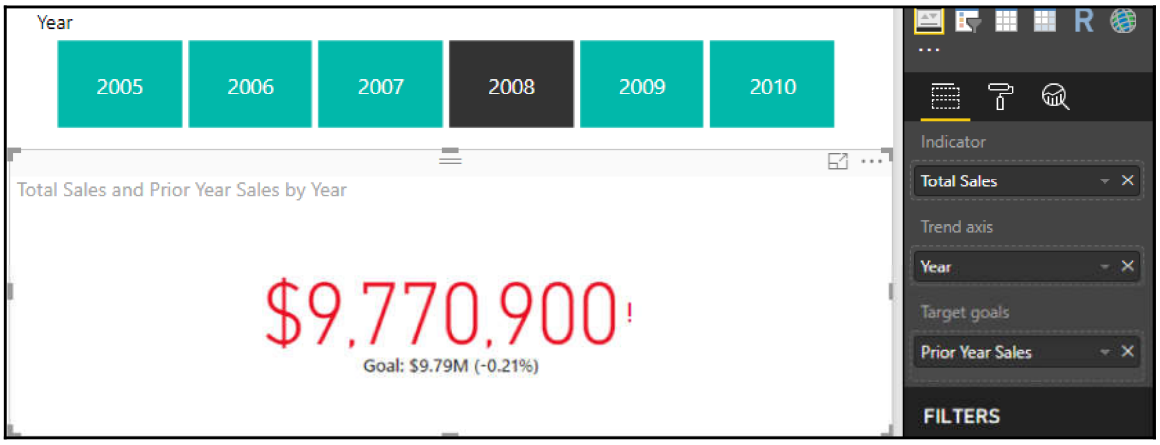

Prior Year Sales and Total Sales by Year, Quarter and Month
Prior Year Sales Total Sales
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
2007 Qtr 4 December
Prior Year Sales $577,314.00
Total Sales $1,731,788
2006 2007 2008 2009
Axis
Date
Year
Quarter
Month
Day
Legend
Drag data fields here
Values
Prior Year Sales
Total Sales
Tooltips
Drag data fields here

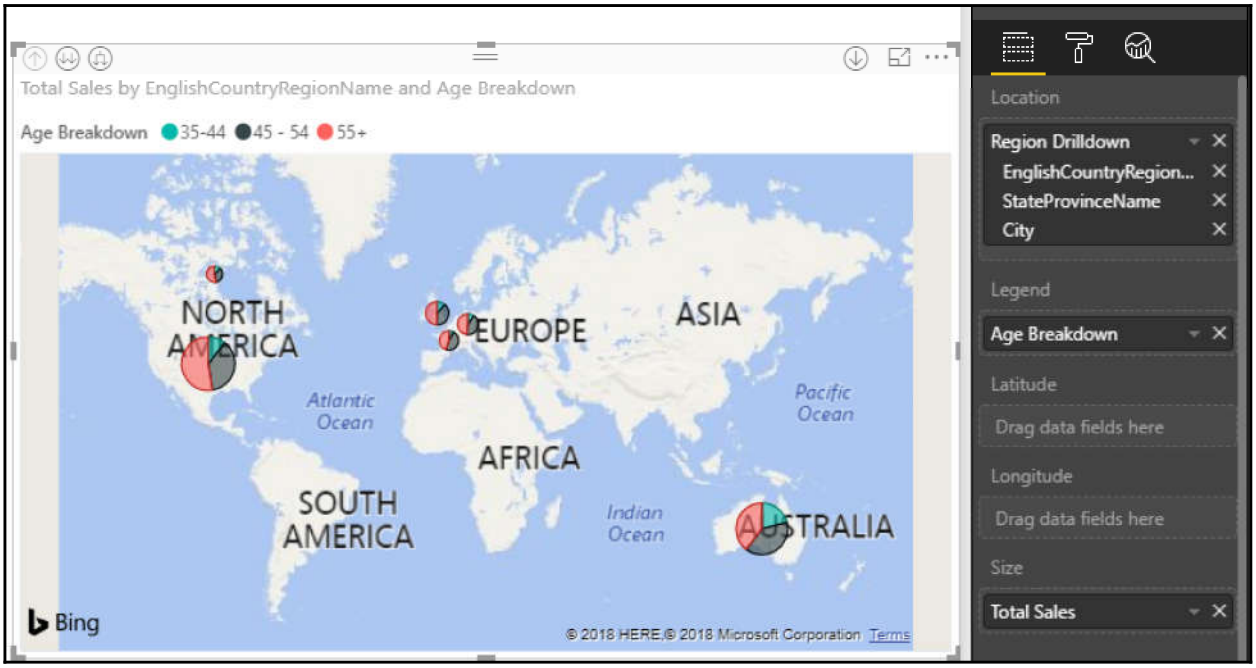

Order Quantity and Profit by Year and Quarter
Order Quantity
Profit
15K
10K
5K
0K
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
0.4K
0.6K
0.6K
0.6K
0.7K
0.8K
0.8K
1.0K
9.1K
13.6K
13.9K
16.1K
2.2K
$0.58M
$0.73M
$0.72M
$0.81M
$0.57M
$0.55M
$0.59M
$0.69M
$1.14M
$1.66M
$1.77M
$2.25M
$0.03M
2005 Qtr 3
2005 Qtr 4
2006 Qtr 1
2006 Qtr 2
2006 Qtr 3
2006 Qtr 4
2007 Qtr 1
2007 Qtr 2
2007 Qtr 3
2007 Qtr 4
2008 Qtr 1
2008 Qtr 2
2008 Qtr 3
Shared axis
Date
Year
Quarter
Month
Day
Column series
Drag data fields here
Column values
Order Quantity
Line values
Profit
Tooltips

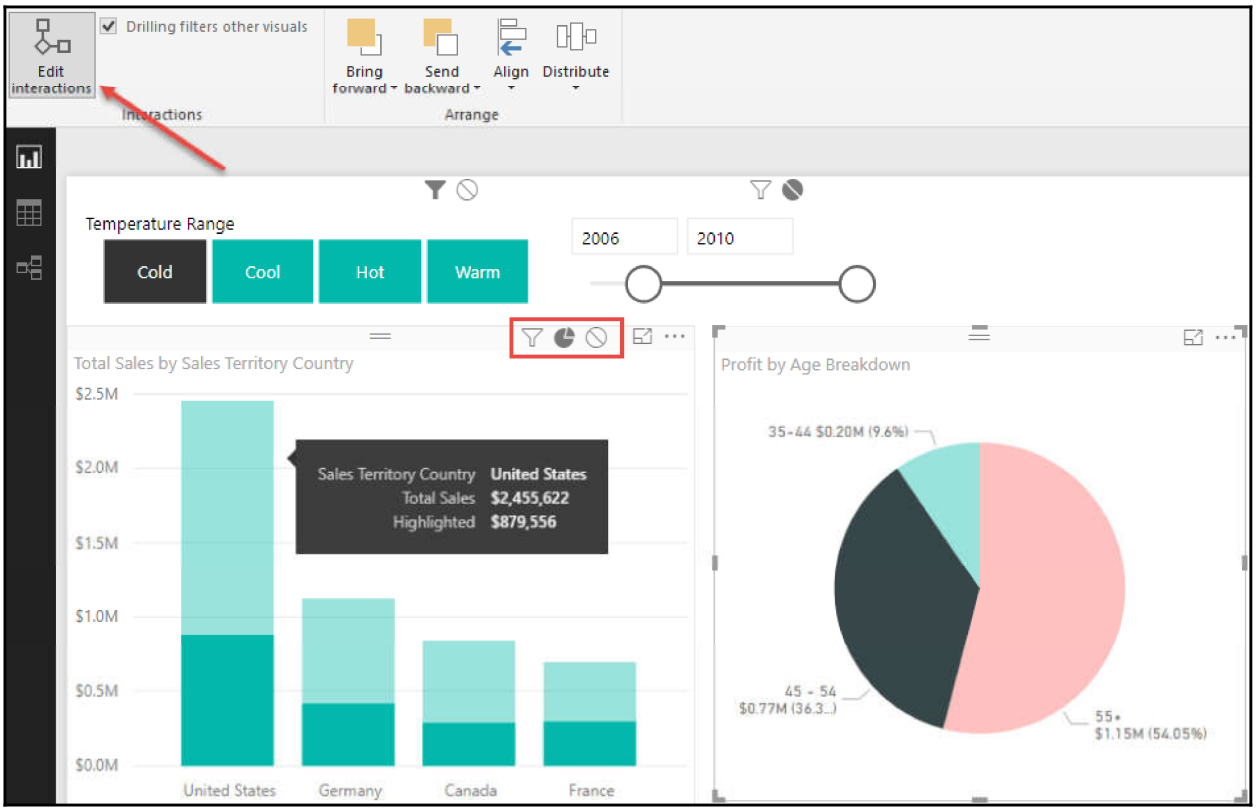

Total Sales by Year and EnglishCountryRegionName
EnglishCountryRegionName
Australia
Canada
France
Germany
United Kingdom
United States
$1.3M
$1.1M
$2.2M
$2.1M
$0.6M
$0.6M
$0.5M
$0.5M
$3.0M
$2.8M
$1.3M
$1.1M
$1.0M
$0.5M
$3.3M
$2.6M
$1.2M
$1.1M
$0.9M
$0.7M
2005
2006
2007
2008
Axis
Date
Year
Quarter
Month
Day
Legend
EnglishCountryRegionName
Value
Total Sales
Tooltips
Drag data fields here
FILTERS

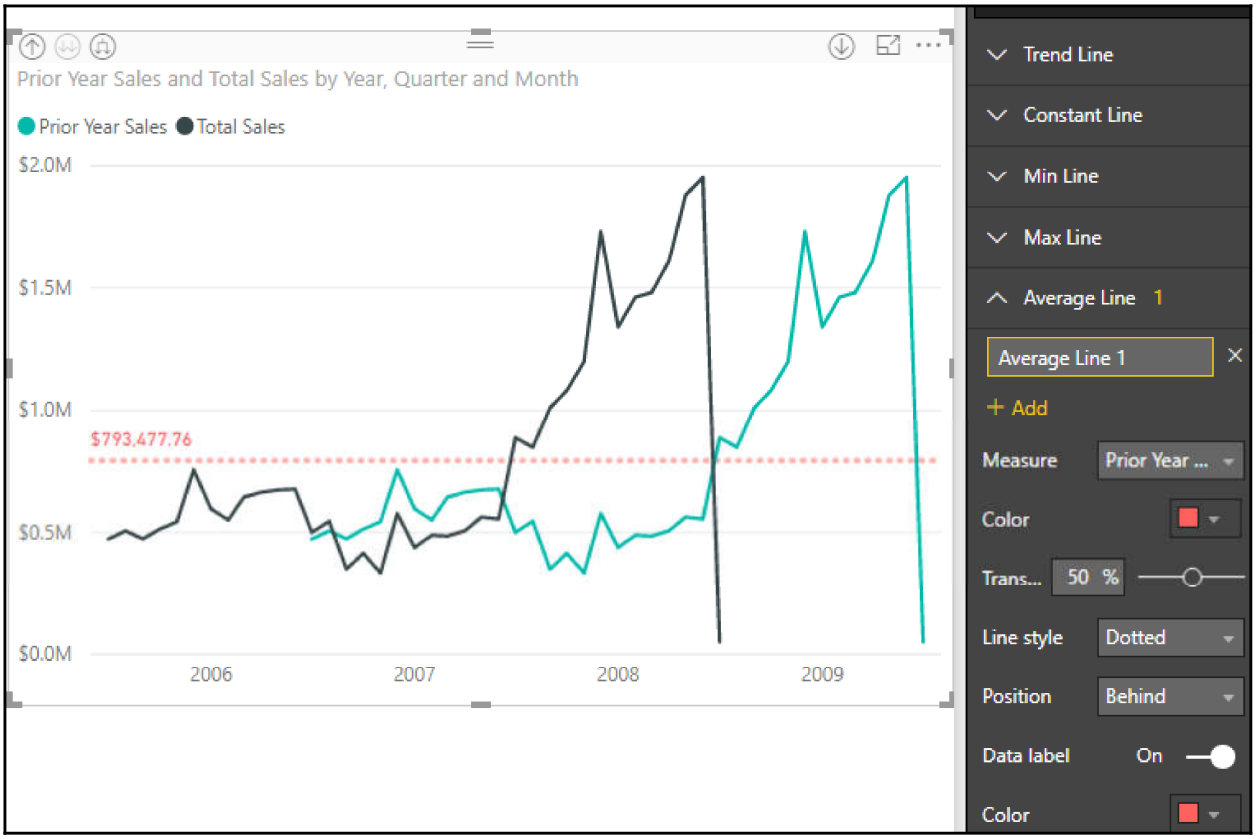

Profit by Year and Age Breakdown
Increase
Decrease
Other
Total
$4M
$3M
$2M
$1M
$1.3M
$0.6M
$0.5M
$0.2M
$0.7M
$0.6M
$4.1M
($0.1M)
$4.0M
2005
55+
45 - 54
35-44
2006
45 - 54
55+
35-44
2007
55+
35-44
45 - 54
2008
Category
Date
Year
Quarter
Month
Day
Breakdown
Age Breakdown
Y Axis
Profit
Tooltips
Drag data fields here
FILTERS

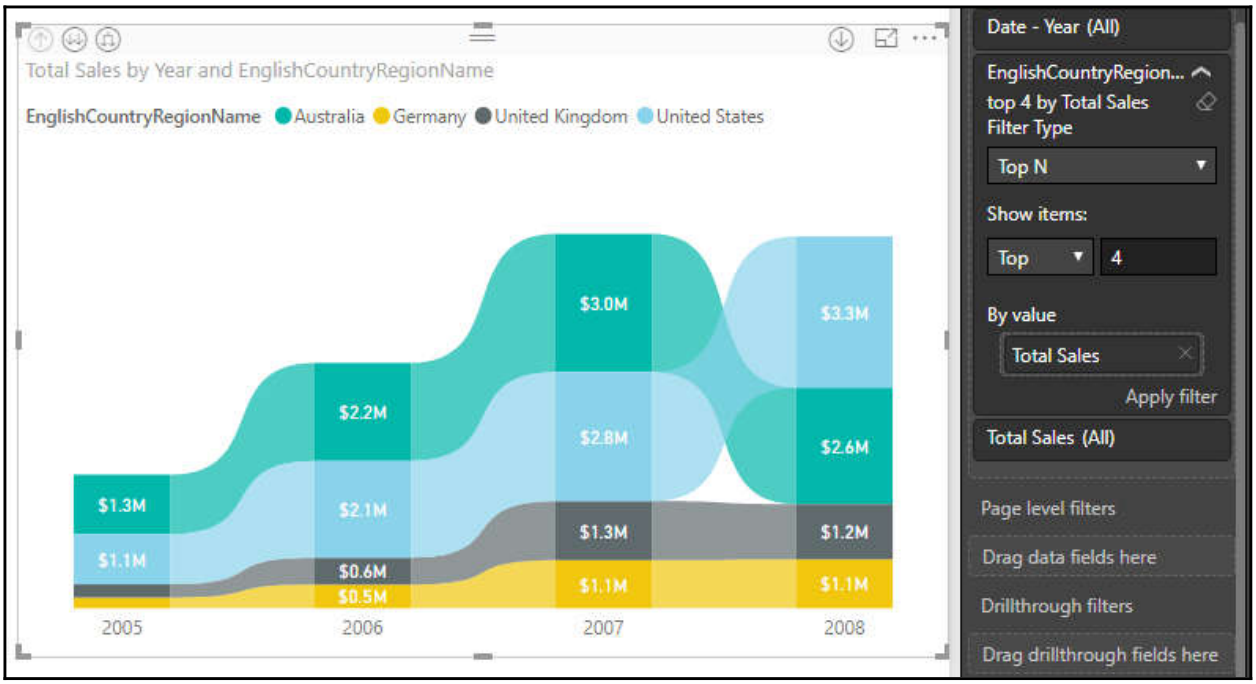

Year
2010
2009
2008
2007
2006
2005
Total Sales and Sales Target
$11M
$10M
$0M
$20M
Value
Total Sales
Minimum value
Drag data fields here
Maximum value
Drag data fields here
Target value
Sales Target
Tooltips
Drag data fields here

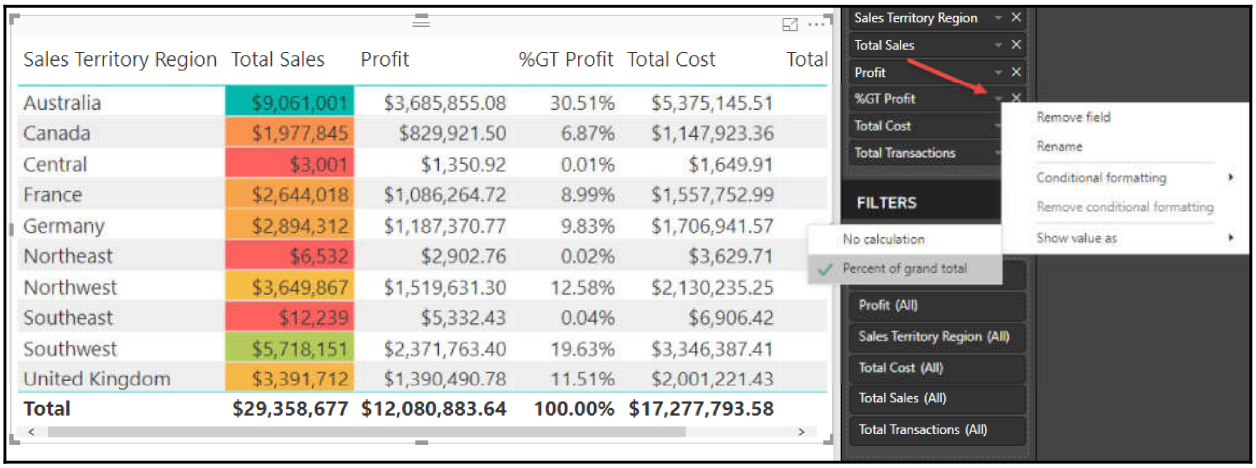

Year
2005
2006
2007
2008
2009
2010
Total Sales and Prior Year Sales by Year
$9,770,900
Goal: $9.79M (-0.21%)
Indicator
Total Sales
Trend axis
Year
Target goals
Prior Year Sales
FILTERS


Total Sales by EnglishCountryRegionName and Age Breakdown
Age Breakdown 35-44 45 - 54 55+
NORTH AMERICA
EUROPE
ASIA
Atlantic Ocean
Pacific Ocean
AFRICA
SOUTH AMERICA
Indian Ocean
AUSTRALIA
Bing
© 2018 HERE,© 2018 Microsoft Corporation Terms
Location
Region Drilldown
EnglishCountryRegion...
StateProvinceName
City
Legend
Age Breakdown
Latitude
Drag data fields here
Longitude
Drag data fields here
Size
Total Sales


Edit interactions
Drilling filters other visuals
Interactions
Bring forward
Send backward
Align
Distribute
Arrange
Temperature Range
Cold
Cool
Hot
Warm
2006
2010
Total Sales by Sales Territory Country
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
Sales Territory Country United States
Total Sales $2,455,622
Highlighted $879,556
United States
Germany
Canada
France
Profit by Age Breakdown
35 - 44 $0.20M (9.6%)
45 - 54
$0.77M (36.3...)
55+
$1.15M (54.05%)

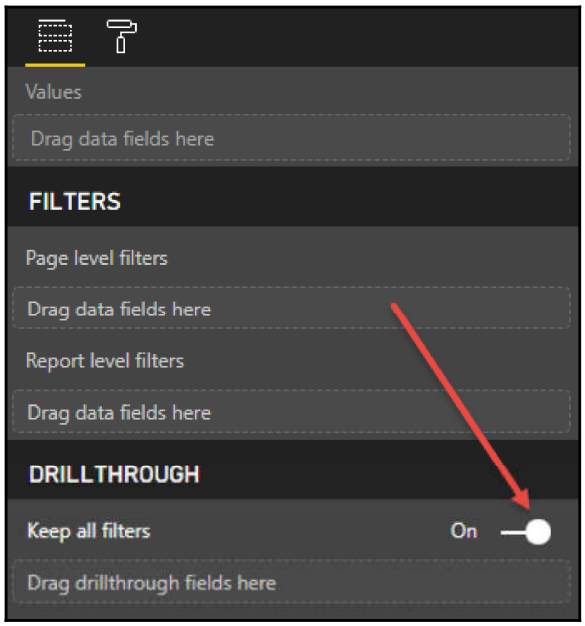

Prior Year Sales and Total Sales by Year, Quarter and Month
Prior Year Sales
Total Sales
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
$793,477.76
2006
2007
2008
2009
Trend Line
Constant Line
Min Line
Max Line
Average Line 1
Average Line 1
+ Add
Measure
Prior Year ...
Color
Trans...
50 %
Line style
Dotted
Position
Behind
Data label
On
Color

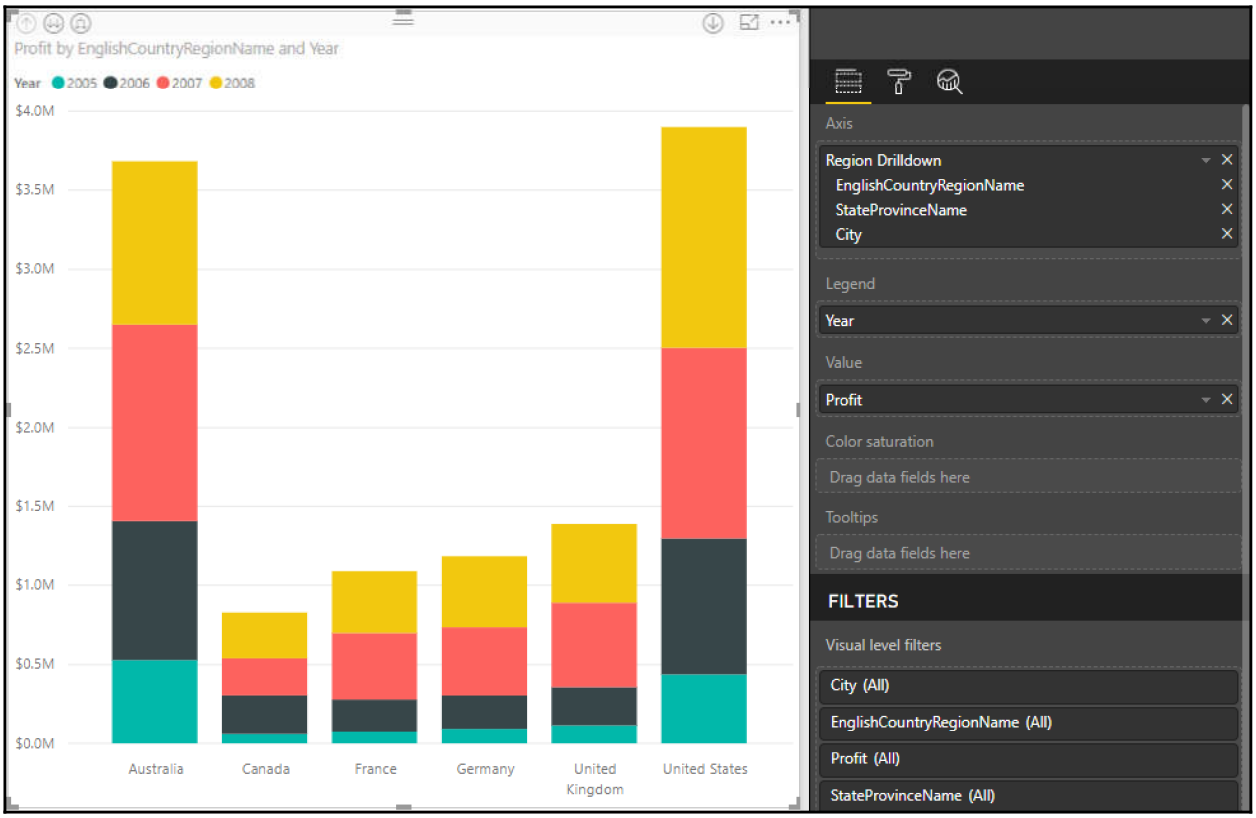


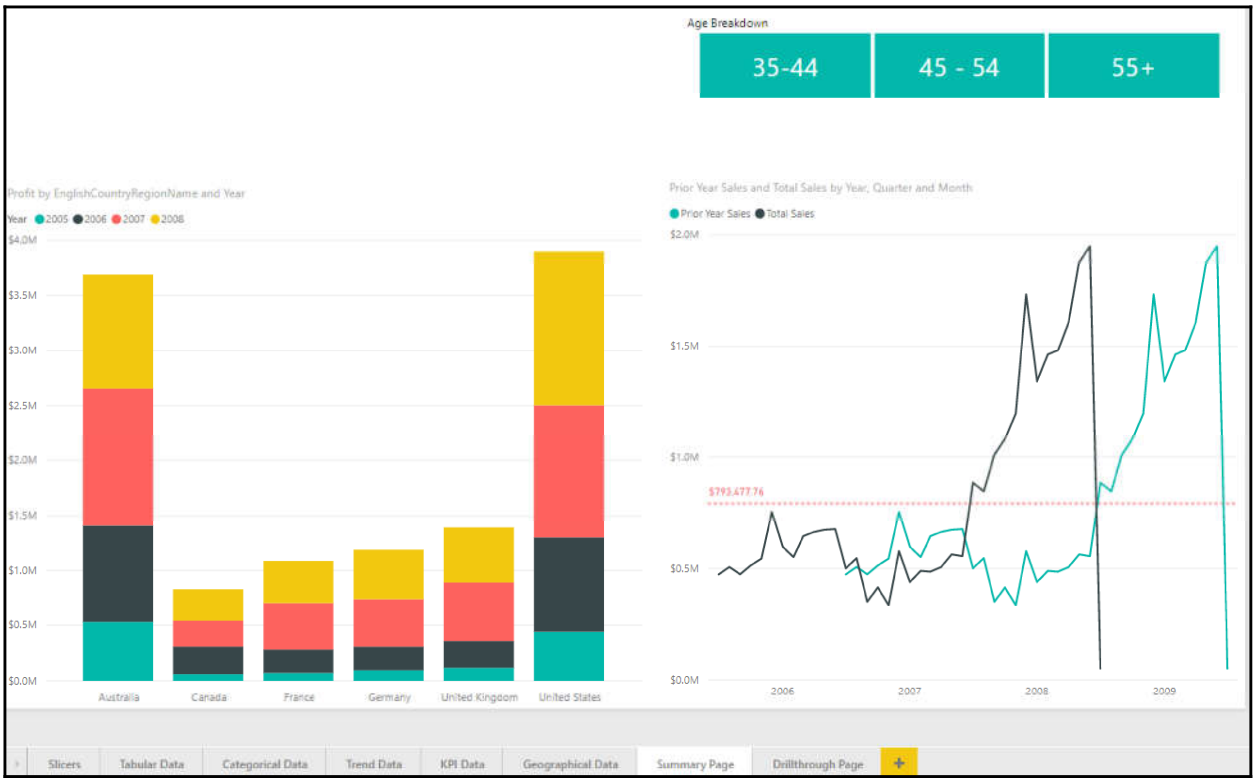


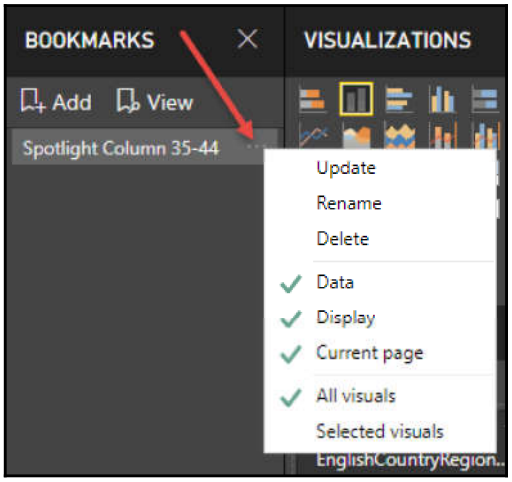
Sales Territory Region	Total Sales	Profit	%GT Profit	Total Cost	Total
Australia	$9,061,001	$3,685,855.08	30.51%	$5,375,145.51	
Canada	$1,977,845	$829,921.50	6.87%	$1,147,923.36	
Central	$3,001	$1,350.92	0.01%	$1,649.91	
France	$2,644,018	$1,086,264.72	8.99%	$1,557,752.99	
Germany	$2,894,312	$1,187,370.77	9.83%	$1,706,941.57	
Northeast	$6,532	$2,902.76	0.02%	$3,629.71	
Northwest	$3,649,867	$1,519,631.30	12.58%	$2,130,235.25	
Southeast	$12,239	$5,332.43	0.04%	$6,906.42	
Southwest	$5,718,151	$2,371,763.40	19.63%	$3,346,387.41	
United Kingdom	$3,391,712	$1,390,490.78	11.51%	$2,001,221.43	
Total	**$29,358,677**	**$12,080,883.64**	**100.00%**	**$17,277,793.58**	

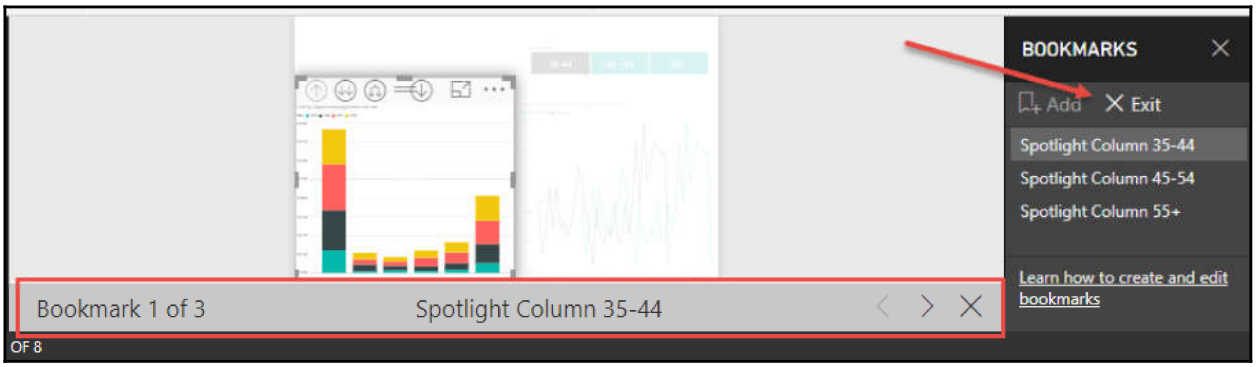
Chapter 6: Digital Storytelling with Power BI

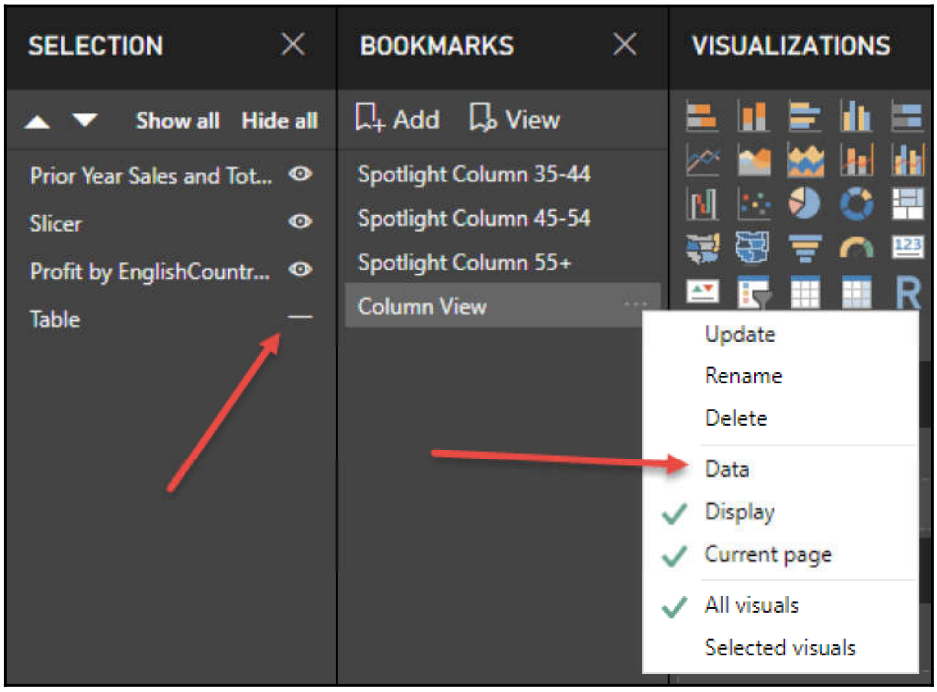


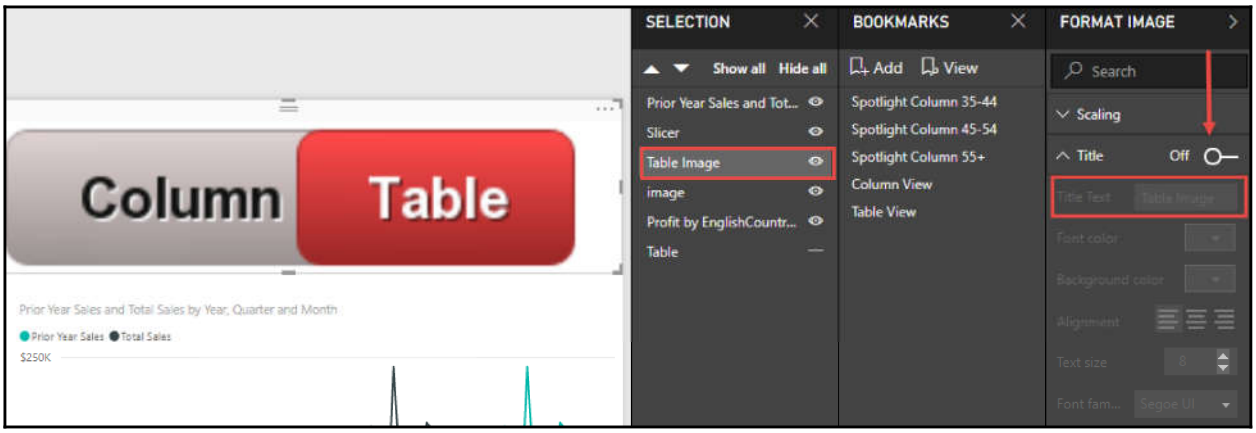

Profit by EnglishCountryRegionName and Year
Year 2005 2006 2007 2008
$4.0M
$3.5M
$3.0M
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
Australia
Canada
France
Germany
United Kingdom
United States
Axis
Region Drilldown
EnglishCountryRegionName
StateProvinceName
City
Legend
Year
Value
Profit
Color saturation
Drag data fields here
Tooltips
Drag data fields here
FILTERS
Visual level filters
City (All)
EnglishCountryRegionName (All)
Profit (All)
StateProvinceName (All)

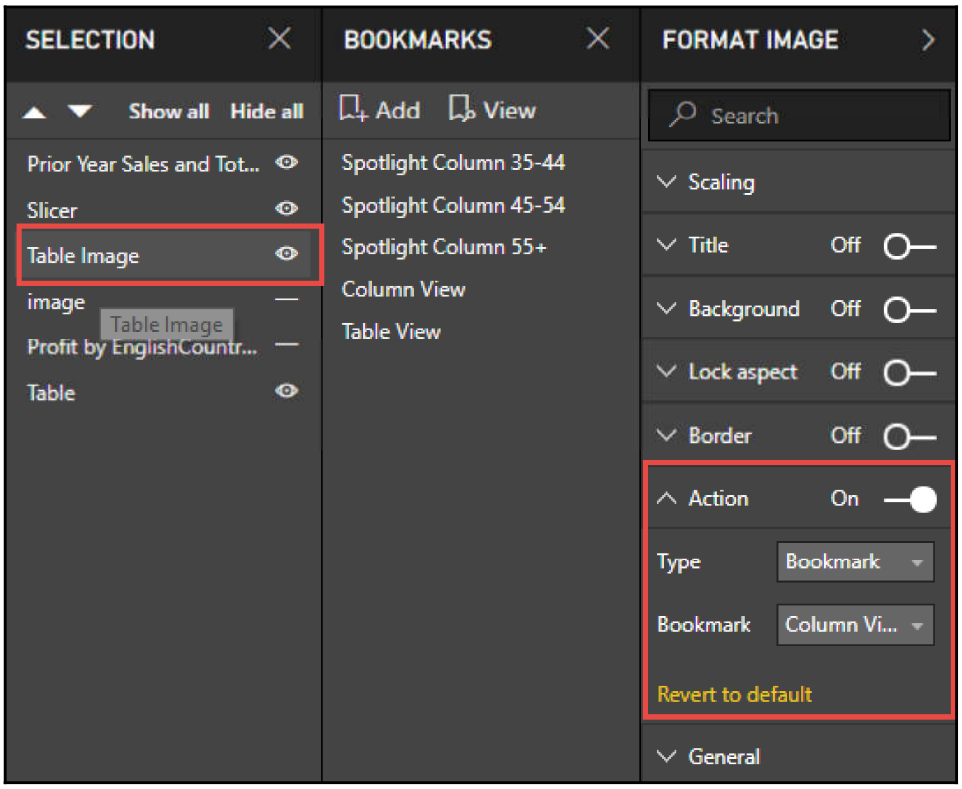

Age Breakdown
35-44
45 - 54
55+
Profit by EnglishCountryRegionName and Year
Year 2005 2006 2007 2008
$4.0M
$3.5M
$3.0M
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M
Australia
Canada
France
Germany
United Kingdom
United States
Prior Year Sales and Total Sales by Year, Quarter and Month
Prior Year Sales Total Sales
$2.0M
$1.5M
$1.0M
$793,477.76
$0.5M
$0.0M
2006
2007
2008
2009
Slicers
Tabular Data
Categorical Data
Trend Data
KPI Data
Geographical Data
Summary Page
Drillthrough Page


BOOKMARKS
VISUALIZATIONS
Add
View
Spotlight Column 35-44
Update
Rename
Delete
Data
Display
Current page
All visuals
Selected visuals
EnglishCountryRegion...

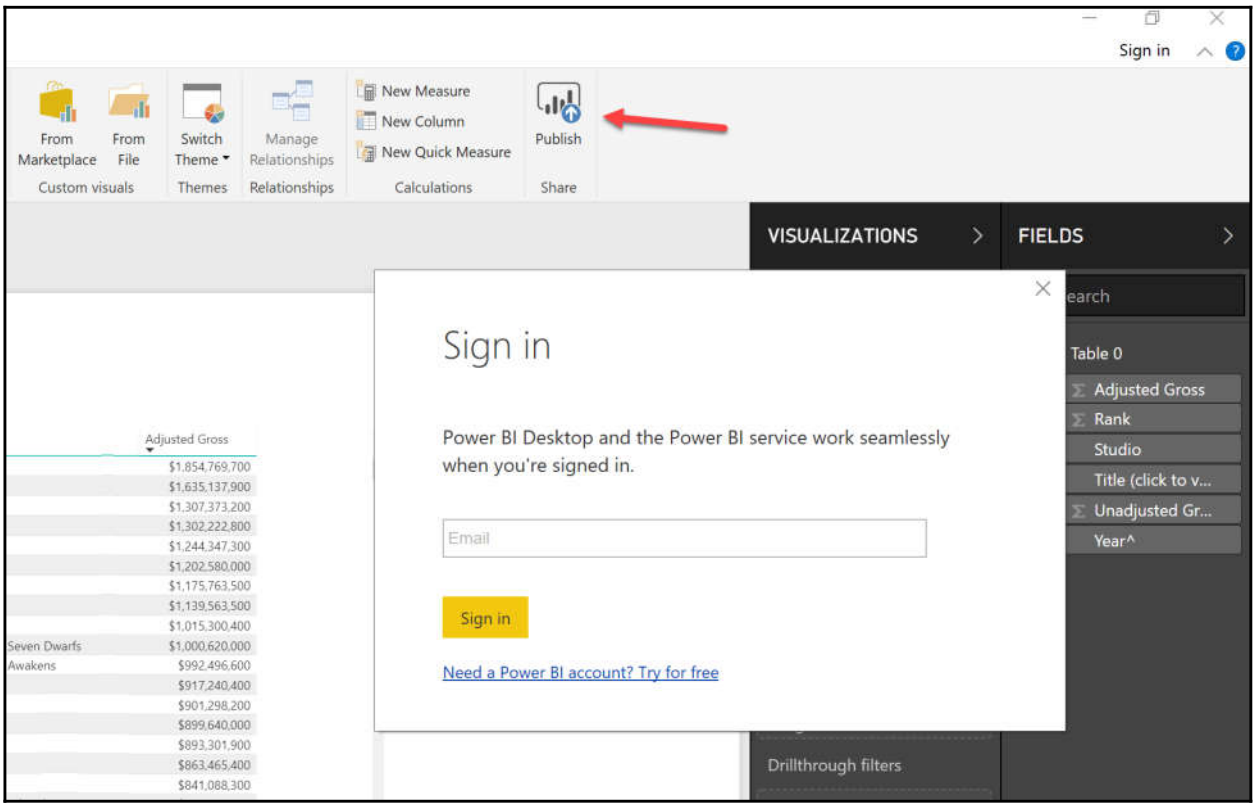

BOOKMARKS
Add
Exit
Spotlight Column 35-44
Spotlight Column 45-54
Spotlight Column 55+
Learn how to create and edit bookmarks
Bookmark 1 of 3
Spotlight Column 35-44
OF 8


SELECTION
Show all
Hide all
Prior Year Sales and Tot...
Slicer
Profit by EnglishCountr...
Table
BOOKMARKS
Add
View
Spotlight Column 35-44
Spotlight Column 45-54
Spotlight Column 55+
Column View
VISUALIZATIONS
Update
Rename
Delete
Data
Display
Current page
All visuals
Selected visuals


Column
Table
Prior Year Sales and Total Sales by Year, Quarter and Month
Prior Year Sales
Total Sales
$250K
SELECTION
Show all
Hide all
Prior Year Sales and Tot...
Slicer
Table Image
image
Profit by EnglishCountr...
Table
BOOKMARKS
Add
View
Spotlight Column 35-44
Spotlight Column 45-54
Spotlight Column 55+
Column View
Table View
FORMAT IMAGE
Search
Scaling
Title
Off
Font color
Background color
Alignment
Text size
Font fam...
Segoe UI


SELECTION
Show all
Hide all
Prior Year Sales and Tot...
Slicer
Table Image
image
Table Image
Profit by EnglishCountr...
Table
BOOKMARKS
Add
View
Spotlight Column 35-44
Spotlight Column 45-54
Spotlight Column 55+
Column View
Table View
FORMAT IMAGE
Search
Scaling
Title
Off
Background
Off
Lock aspect
Off
Border
Off
Action
On
Type
Bookmark
Bookmark
Column Vi...
Revert to default
General

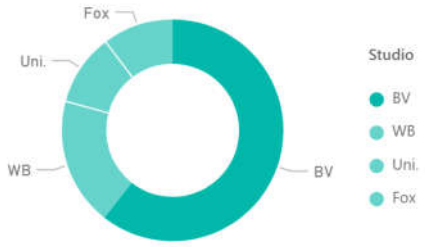
Chapter 7:
Using a Cloud Deployment with the Power BI Service



Quick Insights for BoxOfficeMojoReport

A subset of your data was analyzed and the following insights were found. Learn more

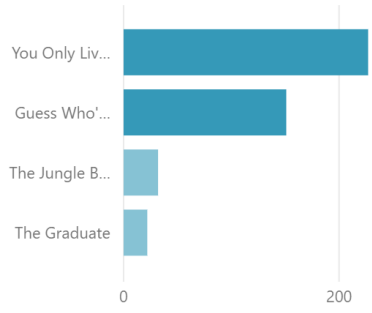
Unadjusted Gross
BY STUDIO



MAJORITY

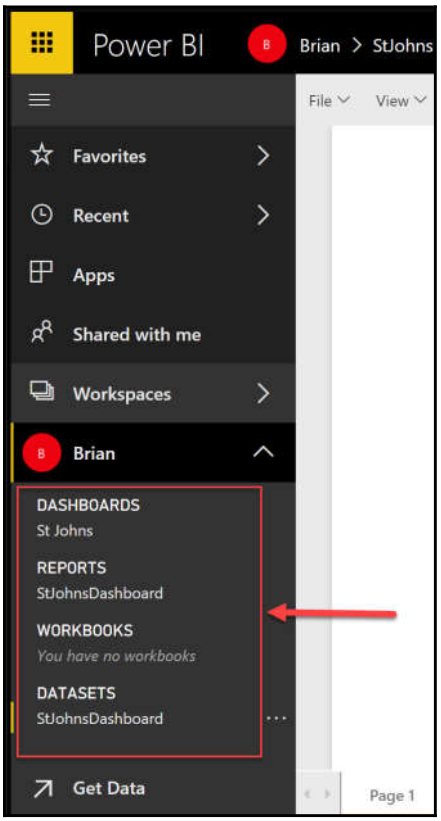
'BV' accounts for the majority of Unadjusted Gross for Year^ '2016'.

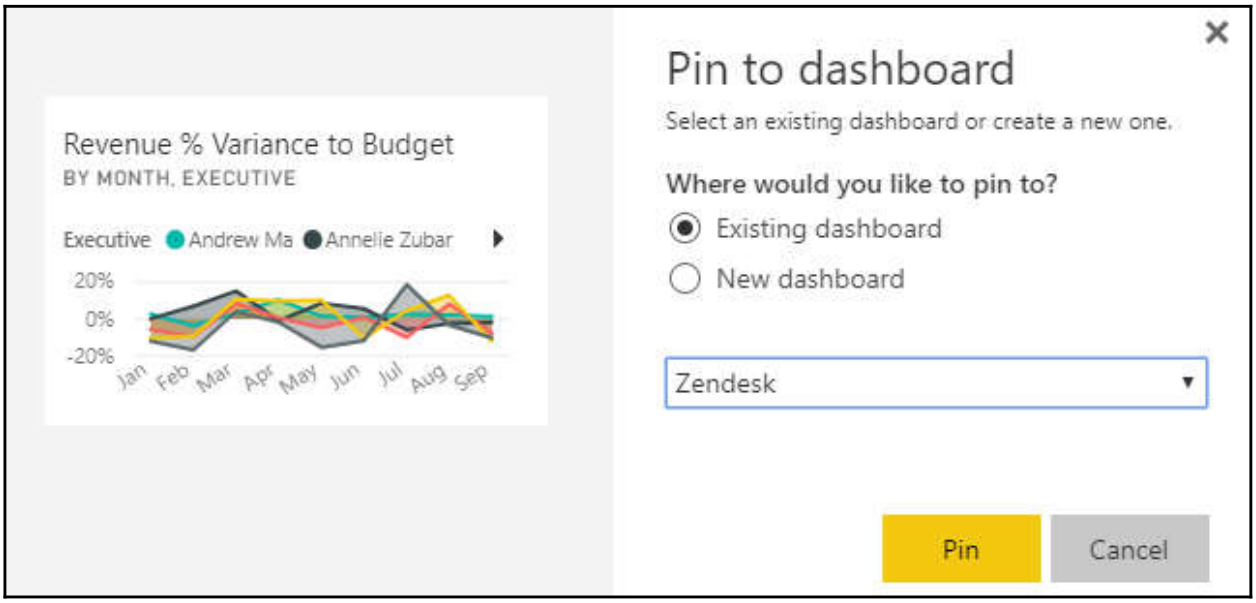
Average of Rank
BY TITLE (CLICK TO VIEW)

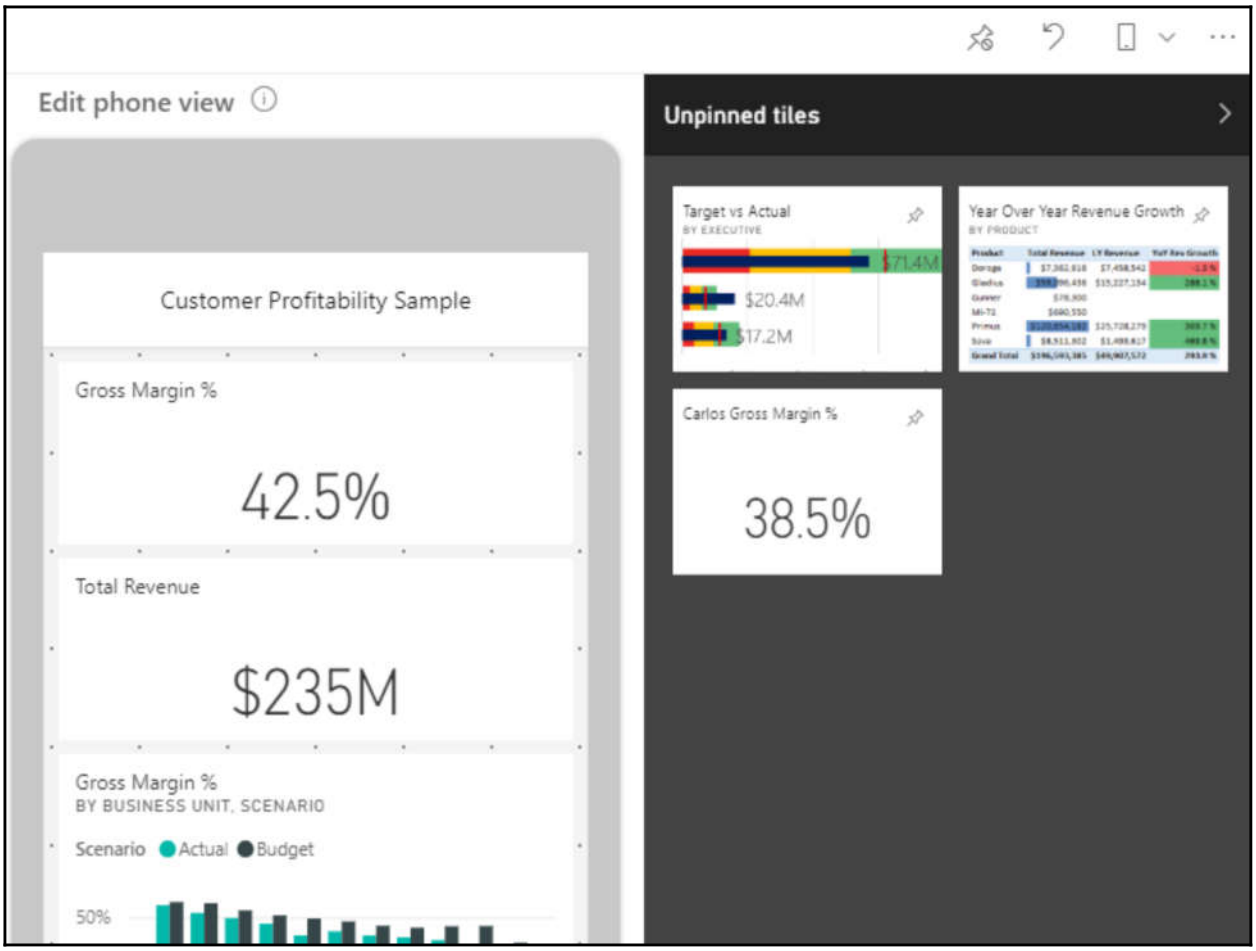


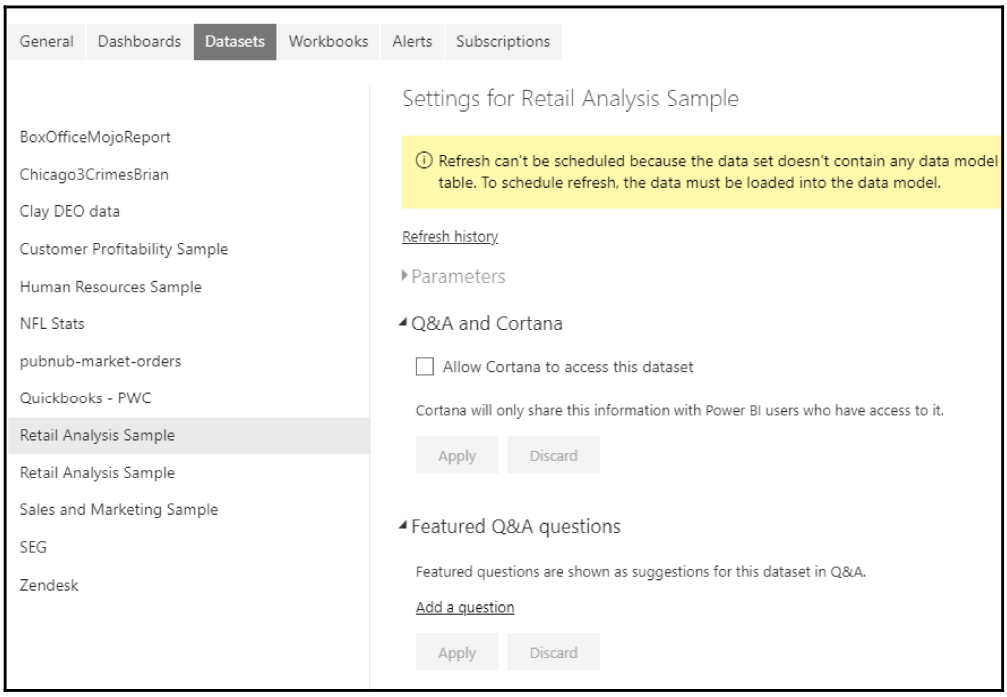
CATEGORY OUTLIERS

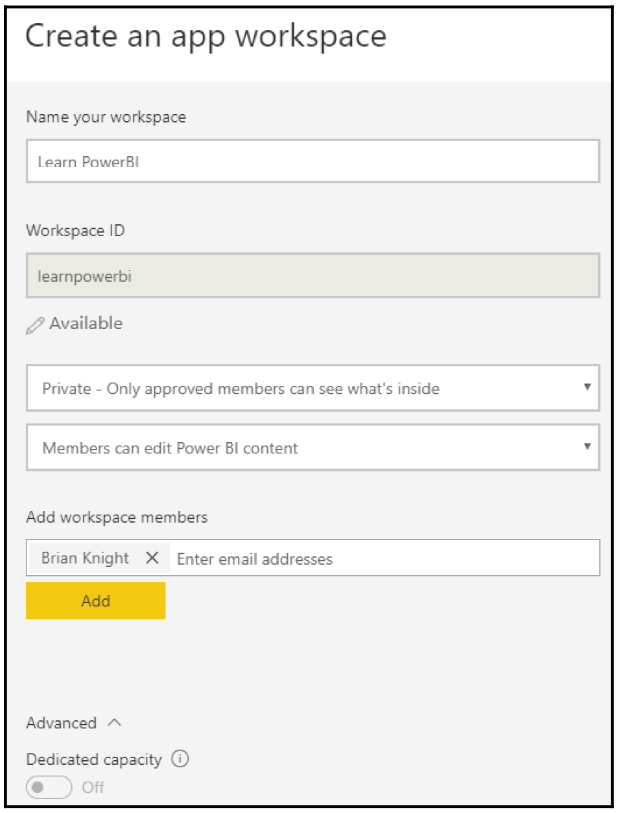
'You Only Live Twice' and 'Guess Who's Coming to Dinner' have noticeably more Rank for Year^ '1967'.

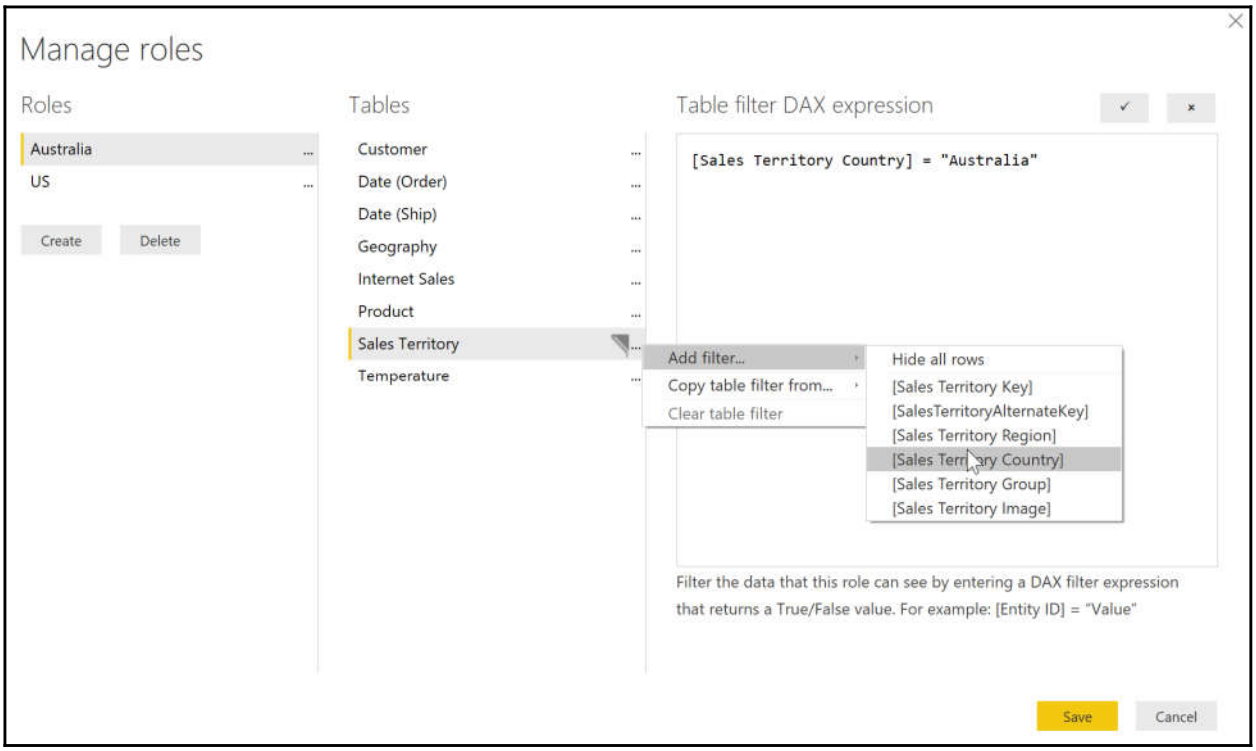

Power BI
Brian > StJohns
File
View
Favorites
Recent
Apps
Shared with me
Workspaces
Brian
DASHBOARDS
St Johns
REPORTS
StJohnsDashboard
WORKBOOKS
You have no workbooks
DATASETS
StJohnsDashboard
Get Data
Page 1

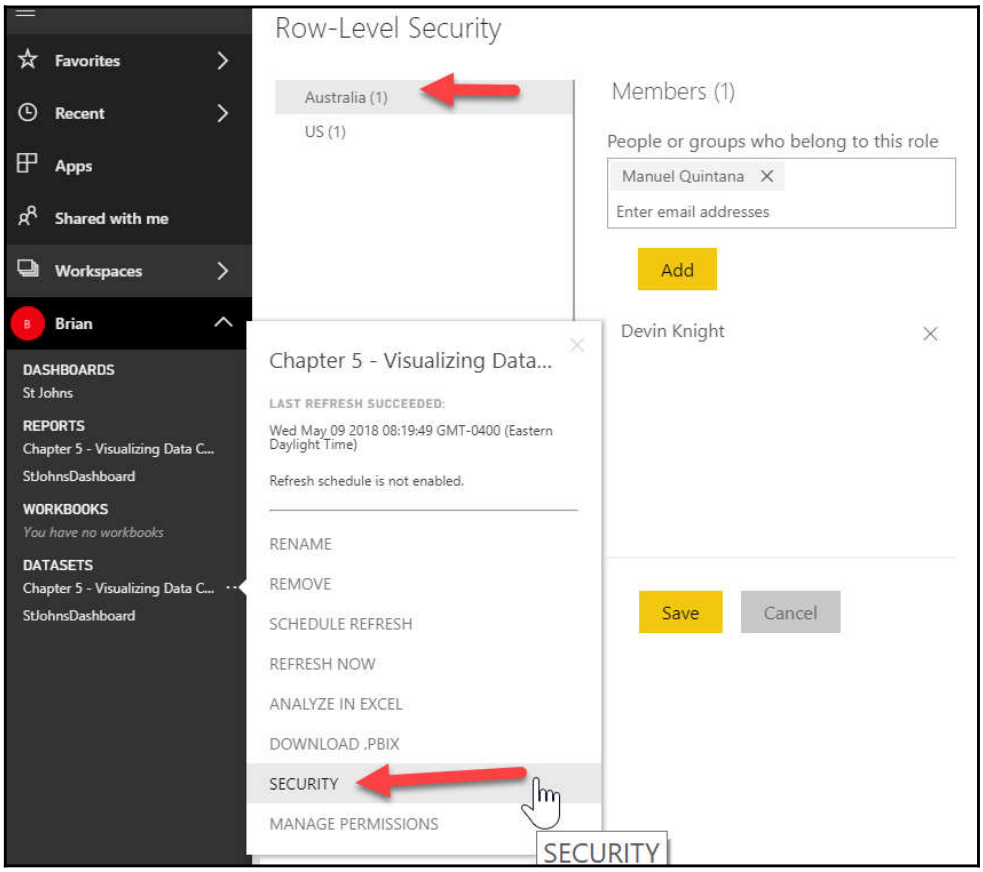

Revenue % Variance to Budget
BY MONTH, EXECUTIVE
Executive
Andrew Ma
Annelie Zubar
20%
0%
-20%
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Pin to dashboard
Select an existing dashboard or create a new one.
Where would you like to pin to?
Existing dashboard
New dashboard
Zendesk
Pin
Cancel

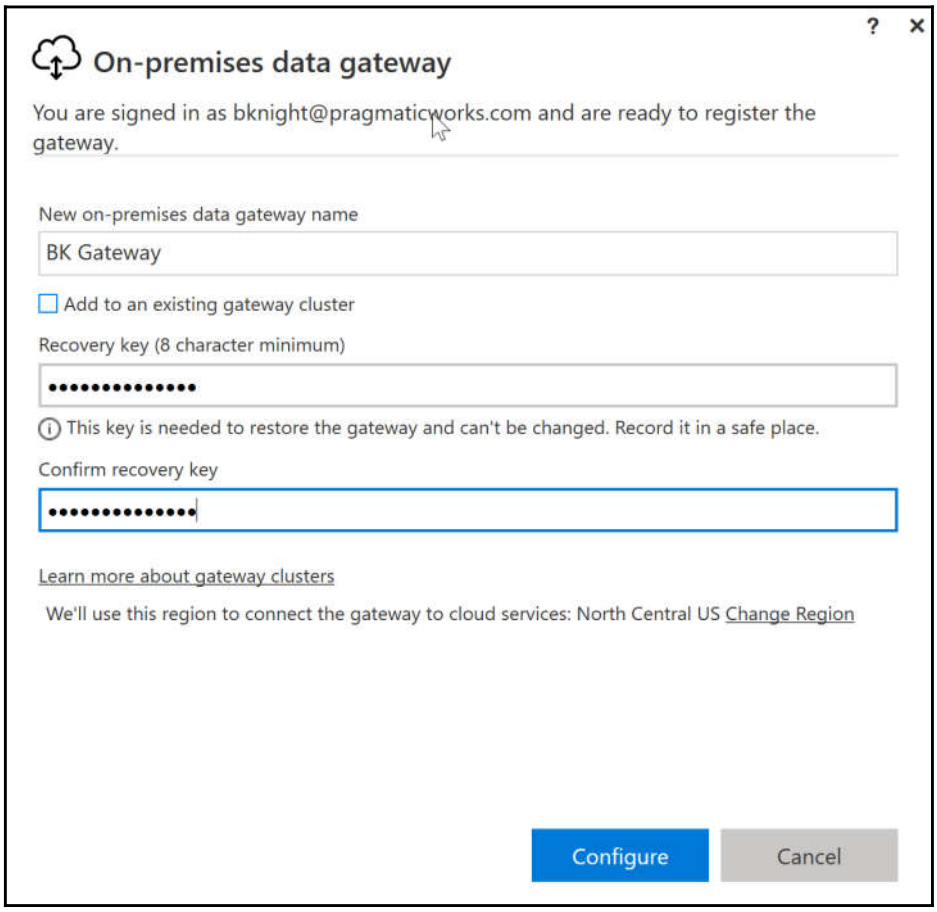

Edit phone view
Customer Profitability Sample
Gross Margin %
42.5%
Total Revenue
$235M
Gross Margin %
BY BUSINESS UNIT, SCENARIO
Scenario Actual Budget
50%
Unpinned tiles
Target vs Actual
BY EXECUTIVE
$71.4M
$20.4M
$17.2M
Year Over Year Revenue Growth
BY PRODUCT
Carlos Gross Margin %
38.5%

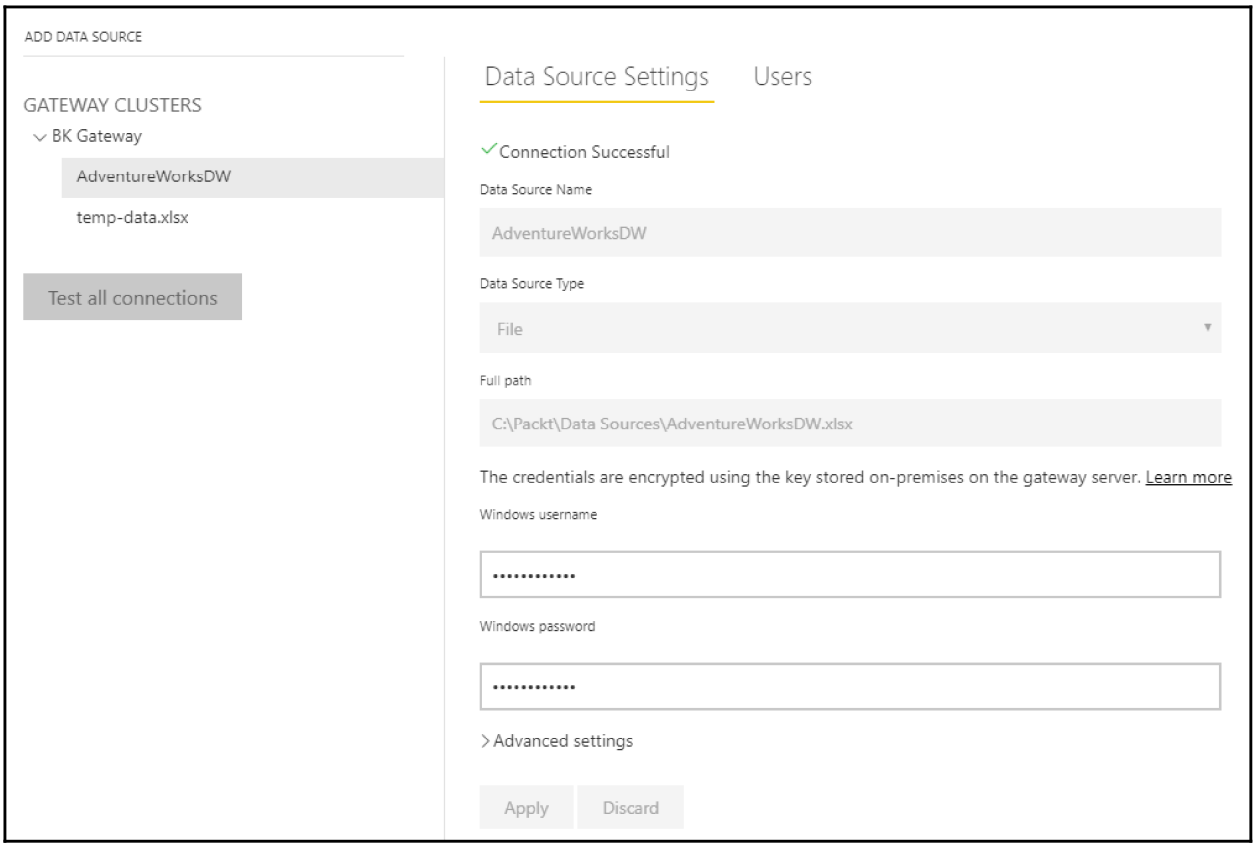

General
Dashboards
Datasets
Workbooks
Alerts
Subscriptions
BoxOfficeMojoReport
Chicago3CrimesBrian
Clay DEO data
Customer Profitability Sample
Human Resources Sample
NFL Stats
pubnub-market-orders
Quickbooks - PWC
Retail Analysis Sample
Retail Analysis Sample
Sales and Marketing Sample
SEG
Zendesk
Settings for Retail Analysis Sample
Refresh can't be scheduled because the data set doesn't contain any data model table. To schedule refresh, the data must be loaded into the data model.
Refresh history
Parameters
Q&A and Cortana
Allow Cortana to access this dataset
Cortana will only share this information with Power BI users who have access to it.
Apply
Discard
Featured Q&A questions
Featured questions are shown as suggestions for this dataset in Q&A.
Add a question
Apply
Discard


Create an app workspace
Name your workspace
Learn PowerBI
Workspace ID
learnpowerbi
Available
Private - Only approved members can see what's inside
Members can edit Power BI content
Add workspace members
Brian Knight
Enter email addresses
Add
Advanced
Dedicated capacity
Off


Manage roles
Roles
Australia
US
Create
Delete
Tables
Customer
Date (Order)
Date (Ship)
Geography
Internet Sales
Product
Sales Territory
Temperature
Table filter DAX expression
[Sales Territory Country] = "Australia"
Add filter...
Copy table filter from...
Clear table filter
Hide all rows
[Sales Territory Key]
[SalesTerritoryAlternateKey]
[Sales Territory Region]
[Sales Territory Country]
[Sales Territory Group]
[Sales Territory Image]
Filter the data that this role can see by entering a DAX filter expression that returns a True/False value. For example: [Entity ID] = "Value"
Save
Cancel


Row-Level Security
Favorites
Recent
Apps
Shared with me
Workspaces
Brian
DASHBOARDS
St Johns
REPORTS
Chapter 5 - Visualizing Data C...
StJohnsDashboard
WORKBOOKS
You have no workbooks
DATASETS
Chapter 5 - Visualizing Data C...
StJohnsDashboard
Australia (1)
US (1)
Members (1)
People or groups who belong to this role
Manuel Quintana
Enter email addresses
Add
Devin Knight
Chapter 5 - Visualizing Data...
LAST REFRESH SUCCEEDED:
Wed May 09 2018 08:19:49 GMT-0400 (Eastern Daylight Time)
Refresh schedule is not enabled.
RENAME
REMOVE
SCHEDULE REFRESH
REFRESH NOW
ANALYZE IN EXCEL
DOWNLOAD .PBIX
SECURITY
MANAGE PERMISSIONS
Save
Cancel
SECURITY


On-premises data gateway
You are signed in as bknight@pragmaticworks.com and are ready to register the gateway.
New on-premises data gateway name
BK Gateway
Add to an existing gateway cluster
Recovery key (8 character minimum)
This key is needed to restore the gateway and can't be changed. Record it in a safe place.
Confirm recovery key
Learn more about gateway clusters
We'll use this region to connect the gateway to cloud services: North Central US Change Region
Configure
Cancel


ADD DATA SOURCE
GATEWAY CLUSTERS
BK Gateway
AdventureWorksDW
temp-data.xlsx
Test all connections
Data Source Settings
Users
Connection Successful
Data Source Name
AdventureWorksDW
Data Source Type
File
Full path
C:\Packt\Data Sources\AdventureWorksDW.xlsx
The credentials are encrypted using the key stored on-premises on the gateway server. Learn more
Windows username
Windows password
Advanced settings
Apply
Discard

Chapter 8: On-Premises Solutions with Power BI Report Server