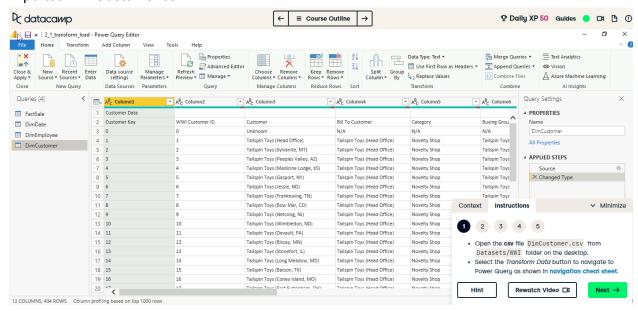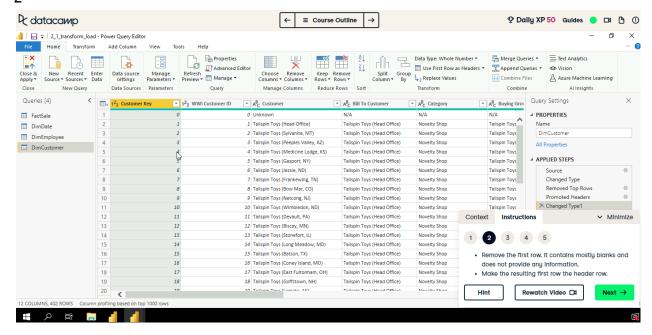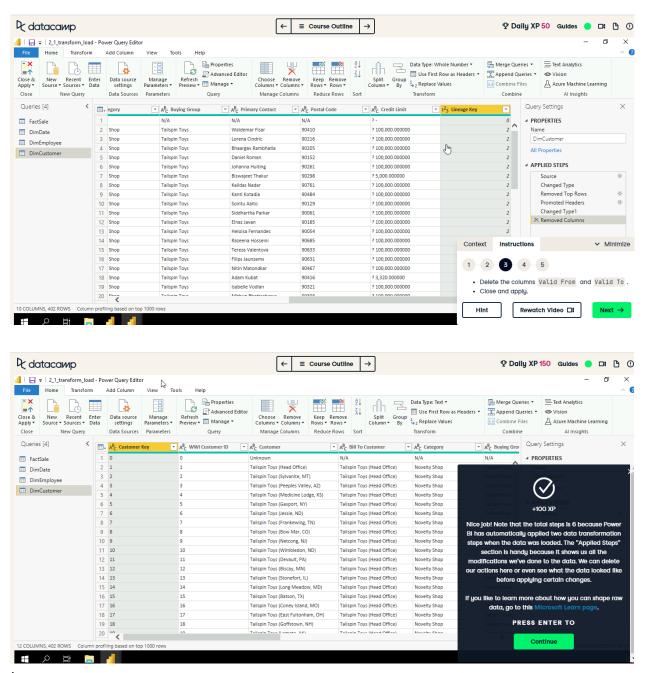Gabriel Edrian Alvaro
ITBA 4107
Data CampCourses

Chapter 2. Transforming Data

Imported DimCustomer.csv

2

3

2_1_transform_load - Power Query Editor

File · Home · Transform · Add Column · View · Tools · Help

Close & Apply | New Source | Recent Sources | Enter Data | Data source settings | Manage Parameters | Refresh Preview | Properties / Advanced Editor / Manage | 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 / Combine Files | Text Analytics / Vision / Azure Machine Learning

Close · New Query · Data Sources · Parameters · Query · Manage Columns · Reduce Rows · Sort · Transform · Combine · AI Insights

Queries [4]
- FactSale
- DimDate
- DimEmployee
- DimCustomer

	...egory	Buying Group	Primary Contact	Postal Code	Credit Limit	Lineage Key
1	N/A	N/A	N/A	N/A	? -	0
2	Shop	Tailspin Toys	Waldemar Fisar	90410	? 100,000.000000	2
3	Shop	Tailspin Toys	Lorena Cindric	90216	? 100,000.000000	2
4	Shop	Tailspin Toys	Bhaargav Rambhatla	90205	? 100,000.000000	2
5	Shop	Tailspin Toys	Daniel Roman	90152	? 100,000.000000	2
6	Shop	Tailspin Toys	Johanna Huiting	90261	? 100,000.000000	2
7	Shop	Tailspin Toys	Biswajeet Thakur	90298	? 5,000.000000	2
8	Shop	Tailspin Toys	Kalidas Nadar	90761	? 100,000.000000	2
9	Shop	Tailspin Toys	Kanti Kotadia	90484	? 100,000.000000	2
10	Shop	Tailspin Toys	Sointu Aalto	90129	? 100,000.000000	2
11	Shop	Tailspin Toys	Siddhartha Parkar	90061	? 100,000.000000	2
12	Shop	Tailspin Toys	Elnaz Javan	90185	? 100,000.000000	2
13	Shop	Tailspin Toys	Heloisa Fernandes	90054	? 100,000.000000	2
14	Shop	Tailspin Toys	Razeena Hosseini	90685	? 100,000.000000	2
15	Shop	Tailspin Toys	Tereza Valentova	90633	? 100,000.000000	2
16	Shop	Tailspin Toys	Filips Jaunzems	90631	? 100,000.000000	2
17	Shop	Tailspin Toys	Nitin Matondkar	90467	? 100,000.000000	2
18	Shop	Tailspin Toys	Adam Kubat	90416	? 3,320.000000	2
19	Shop	Tailspin Toys	Isabelle Vodian	90321	? 100,000.000000	2
20	Shop	Tailspin Toys	Mithun Bhattacharya	90303	? 100,000.000000	2

10 COLUMNS, 402 ROWS   Column profiling based on top 1000 rows

Query Settings · ✕

PROPERTIES
Name
DimCustomer
All Properties

APPLIED STEPS
- Source ⚙
- Changed Type
- Removed Top Rows ⚙
- Promoted Headers ⚙
- Changed Type1
- ✕ Removed Columns

Context | **Instructions** | ∨ Minimize

① ② ❸ ④ ⑤

- Delete the columns `Valid From` and `Valid To`.
- Close and apply.

Hint | Rewatch Video 📹 | Next →

2_1_transform_load - Power Query Editor

File · Home · Transform · Add Column · View · Tools · Help

Close & Apply | New Source | Recent Sources | Enter Data | Data source settings | Manage Parameters | Refresh Preview | Properties / Advanced Editor / Manage | 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 / Combine Files | Text Analytics / Vision / Azure Machine Learning

Close · New Query · Data Sources · Parameters · Query · Manage Columns · Reduce Rows · Sort · Transform · Combine · AI Insights

Queries [4]
- FactSale
- DimDate
- DimEmployee
- DimCustomer

	Customer Key	WWI Customer ID	Customer	Bill To Customer	Category	Buying Grou...
1	0	0	Unknown	N/A	N/A	N/A
2	1	1	Tailspin Toys (Head Office)	Tailspin Toys (Head Office)	Novelty Shop	
3	2	2	Tailspin Toys (Sylvanite, MT)	Tailspin Toys (Head Office)	Novelty Shop	
4	3	3	Tailspin Toys (Peeples Valley, AZ)	Tailspin Toys (Head Office)	Novelty Shop	
5	4	4	Tailspin Toys (Medicine Lodge, KS)	Tailspin Toys (Head Office)	Novelty Shop	
6	5	5	Tailspin Toys (Gasport, NY)	Tailspin Toys (Head Office)	Novelty Shop	
7	6	6	Tailspin Toys (Jessie, ND)	Tailspin Toys (Head Office)	Novelty Shop	
8	7	7	Tailspin Toys (Frankewing, TN)	Tailspin Toys (Head Office)	Novelty Shop	
9	8	8	Tailspin Toys (Bow Mar, CO)	Tailspin Toys (Head Office)	Novelty Shop	
10	9	9	Tailspin Toys (Netcong, NJ)	Tailspin Toys (Head Office)	Novelty Shop	
11	10	10	Tailspin Toys (Wimbledon, ND)	Tailspin Toys (Head Office)	Novelty Shop	
12	11	11	Tailspin Toys (Devault, PA)	Tailspin Toys (Head Office)	Novelty Shop	
13	12	12	Tailspin Toys (Biscay, MN)	Tailspin Toys (Head Office)	Novelty Shop	
14	13	13	Tailspin Toys (Stonefort, IL)	Tailspin Toys (Head Office)	Novelty Shop	
15	14	14	Tailspin Toys (Long Meadow, MD)	Tailspin Toys (Head Office)	Novelty Shop	
16	15	15	Tailspin Toys (Batson, TX)	Tailspin Toys (Head Office)	Novelty Shop	
17	16	16	Tailspin Toys (Coney Island, MO)	Tailspin Toys (Head Office)	Novelty Shop	
18	17	17	Tailspin Toys (East Fultonham, OH)	Tailspin Toys (Head Office)	Novelty Shop	
19	18	18	Tailspin Toys (Goffstown, NH)	Tailspin Toys (Head Office)	Novelty Shop	
20	19	19	Tailspin Toys (Lemeta, AK)	Tailspin Toys (Head Office)	Novelty Shop	

12 COLUMNS, 402 ROWS   Column profiling based on top 1000 rows

Query Settings · ✕
PROPERTIES

✓ +100 XP

Nice job! Note that the total steps is 6 because Power BI has automatically applied two data transformation steps when the data was loaded. The "Applied Steps" section is handy because it shows us all the modifications we've done to the data. We can delete our actions here or even see what the data looked like before applying certain changes.

If you like to learn more about how you can shape raw data, go to this Microsoft Learn page.

PRESS ENTER TO

Continue

1

2_1_transform_load - Power BI Desktop

Search · Sign in

File · Home · Help

Get data · Excel workbook · Power BI datasets · SQL Server · Enter data · Dataverse · Recent sources · Transform data · Refresh · Manage relationships · Manage roles · View as · Q&A setup · Language · Linguistic schema · Sensitivity · Publish

Clipboard · Data · Queries · Relationships · Security · Q&A · Sensitivity · Share

FactSale
- Bill To Customer Key
- City Key
- Customer Key
- Delivery Date Key
- Description
- Invoice Date Key
- Lineage Key
- Package
- Profit
- Quantity
- Sale Key
- Collapse

DimDate
- Calendar Month Label
- Calendar Month Number
- Calendar Year
- Calendar Year Label
- Date
- Day
- Day Number
- Fiscal Month Label
- Fiscal Month Number
- Fiscal Year
- Fiscal Year Label
- Collapse

DimCustomer
- Bill To Customer
- Buying Group
- Category
- Credit Limit
- Customer
- Customer Key
- Lineage Key
- Postal Code
- Primary Contact
- Collapse

DimEmployee
- Employee
- Employee Key
- Is Salesperson
- Lineage Key
- Photo

All tables

Properties

Cards

Show the database in the header when applicable
No

Show related fields when card is collapsed
Yes

Pin related fields to top of card
No

Fields

Search
- DimCustomer
- DimDate
- DimEmployee
- FactSale

Context · Instructions · Minimize

① ② ③ ④

- Click "Close & Apply" to close Power Query in case it is still open.
- Check that Power BI recognized a relationship between `FactSale` and `DimCustomer`.
- Add a new page tab in the *Report* view.

Hint · Rewatch Video · Next

---

campus.datacamp.com/courses/introduction-to-power-bi/transforming-data-2?ex=5

2_1_transform_load - Power BI Desktop

Search · Sign in

File · Home · Insert · Modeling · View · Help

Paste · Cut · Copy · Format painter · Get data · Excel workbook · Power BI datasets · SQL Server · Enter data · Dataverse · Recent sources · Transform data · Refresh · New visual · Text box · More visuals · New measure · Quick measure · Sensitivity · Publish

Clipboard · Data · Queries · Insert · Calculations · Sensitivity · Share

Build visuals with your data

Select or drag fields from the Fields pane onto the report canvas.

Sales Data · Page 1

Page 2 of 2

Visualizations

Build visual

Fields

Search
- DimCustomer
- DimDate
- DimEmployee
- FactSale

Context · Instructions · Minimize

① ② ③ ④

- Click "Close & Apply" to close Power Query in case it is still open.
- Check that Power BI recognized a relationship between `FactSale` and `DimCustomer`.
- Add a new page tab in the *Report* view.

Hint · Rewatch Video · Next

2

3

+100 XP

Awesome aggregating! In all the transaction records for Tailspin Toys, the cheapest transaction was $5.52. Minimum is one of several options. We could do the average total for each buying group, the count of sales for each buying group, and even the standard deviation. It's important that you are always aware which aggregation is being used on your visualization. Luckily, Power BI dynamically changes the axis labels, so make sure to review those.

PRESS ENTER TO

Continue

Transforming columns `100 XP`

Earlier you practiced cleaning data at row-level, like deleting erroneous rows or changing the header row. Now, we'll take a look at issues at the column-level.

If you lost progress, close any open reports and load `2_3_transforming_columns.pbix` from the Exercises folder on the desktop.

Next →

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← ☰ Course Outline →

🏆 Daily XP 300 Guides

2_3_transforming_columns - Power BI Desktop

🔍 Search

Sign in

File | Home | Insert | Modeling | View | Help | Format | Data / Drill

Paste | Cut | Copy | Format painter
Clipboard

Get data | Excel workbook | Power BI datasets | SQL Server | Enter data | Dataverse | Recent sources
Data

Transform data | Refresh
Queries

New visual | Text box | More visuals
Insert

New measure | Quick measure
Calculations

Sensitivity
Sensitivity

Publish
Share

Filters

🔍 Search

Filters on this visual

First Credit Limit is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

? –

First Credit Limit

Min of Total Including Tax by Buying Group

N/A | Tailspin Toys | Wingtip Toys
Buying Group

Visualizations

Build visual

Fields

🔍 Search

DimCustomer
- ☐ Bill To Customer
- ☐ Buying Group
- ☐ Category
- ☑ Credit Limit
- ☐ Customer
- ☐ Customer Key
- ☐ Lineage Key

Context | **Instructions** | ✓ Minimize

① ② ③ ④ ⑤ ⑥

The card should show **? –**, which is unexpected! Edit the query of `DimCustomer` to open up the Power Query Editor and fix the `Credit Limit` column.

Hint | Rewatch Video ◻ | Next →

Sales Data | Page 1 | +

Page 2 of 2

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← ☰ Course Outline →

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2_3_transforming_columns - Power Query Editor

File | Home | Transform | Add Column | View | Tools | Help

Close & Apply
Close

New Source | Recent Sources | Enter Data
New Query

Data source settings
Data Sources

Manage Parameters
Parameters

Refresh Preview | Properties | Advanced Editor | Manage
Query

Choose Columns | Remove Columns
Manage Columns

Keep Rows | Remove Rows
Reduce Rows

Sort

Split Column | Group By
Data Type: Text | Use First Row as Headers | Replace Values
Transform

Merge Queries | Append Queries | Combine Files
Combine

Text Analytics | Vision | Azure Machine Learning
AI Insights

Queries [4]
- ▦ FactSale
- ▦ DimDate
- ▦ DimEmployee
- ▦ DimCustomer

Query Settings

▲ PROPERTIES

Name

DimCustomer

All Properties

▲ APPLIED STEPS
- Source
- Changed Type
- Removed Top Rows
- Promoted Headers
- Changed Type1
- Removed Columns
- Replaced Value

	Category	Buying Group	Primary Contact	Postal Code	Credit Limit	Lineage Key
1	N/A	N/A	N/A	N/A	-	
2	elty Shop	Tailspin Toys	Waldemar Fisar	90410	100,000.000000	
3	elty Shop	Tailspin Toys	Lorena Cindric	90216	100,000.000000	
4	elty Shop	Tailspin Toys	Bhaargav Rambhatla	90205	100,000.000000	
5	elty Shop	Tailspin Toys	Daniel Roman	90152	100,000.000000	
6	elty Shop	Tailspin Toys	Johanna Huiting	90261	100,000.000000	
7	elty Shop	Tailspin Toys	Biswajeet Thakur	90298	5,000.000000	
8	elty Shop	Tailspin Toys	Kalidas Nadar	90761	100,000.000000	
9	elty Shop	Tailspin Toys	Kanti Kotadia	90484	100,000.000000	
10	elty Shop	Tailspin Toys	Sointu Aalto	90129	100,000.000000	
11	elty Shop	Tailspin Toys	Siddhartha Parkar	90061	100,000.000000	
12	elty Shop	Tailspin Toys	Elnaz Javan	90185	100,000.000000	
13	elty Shop	Tailspin Toys	Heloisa Fernandes	90054	100,000.000000	
14	elty Shop	Tailspin Toys	Razeena Hosseini	90685	100,000.000000	
15	elty Shop	Tailspin Toys	Tereza Valentova	90633	100,000.000000	
16	elty Shop	Tailspin Toys	Filips Jaunzems	90631	100,000.000000	
17	elty Shop	Tailspin Toys	Nitin Matondkar	90467	100,000.000000	
18	elty Shop	Tailspin Toys	Adam Kubat	90416	3,320.000000	
19	elty Shop	Tailspin Toys	Isabelle Vodlan	90321	100,000.000000	
20	elty Shop	Tailspin Toys	Mithun Bhattacharya	90303	100,000.000000	
21	elty Shop	Tailspin Toys	Nghi Hua	90050	100,000.000000	
22						

10 COLUMNS, 402 ROWS | Column profiling based on top 1000 rows

Context | **Instructions** | ✓ Minimize

① ② ③ ④ ⑤ ⑥

The card should show **? –**, which is unexpected! Edit the query of `DimCustomer` to open up the Power Query Editor and fix the `Credit Limit` column.

Hint | Rewatch Video ◻ | Next →

4

5

Formatting Currency

1

2

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2_4_format_currency - Power BI Desktop — Search — Sign in

File Home Help Table tools **Column tools**

Name: Total Including Tax | Format: Currency | Summarization: Sum
Data type: Decimal nu...

Choose how the values in this column are displayed (this doesn't impact how they're stored). If you see an asterisk (*), that format will reflect the date and time settings of your operating system.

Structure — Properties — Sort — Groups — Relationships — Calculations

sperson Key	WWI Invoice ID	Description	Package	Quantity	Unit Price	Tax Rate	Total Excluding Tax	Tax Amount	Profit	Total Including Tax
85	15267	DBA joke mug - two types of DBAs (White)	Each	7	13	15	91	13.65	59.5	$104.65
84	15380	DBA joke mug - SELECT caffeine FROM mug (White)	Each	7	13	15	91	13.65	59.5	$104.65
81	15551	DBA joke mug - mind if I join you? (White)	Each	7	13	15	91	13.65	59.5	$104.65
74	15773	DBA joke mug - it depends (White)	Each	7	13	15	91	13.65	59.5	$104.65
86	16085	Developer joke mug - that's a hardware problem (White)	Each	7	13	15	91	13.65	59.5	$104.65
39	16149	Developer joke mug - (hip, hip, array) (Black)	Each	7	13	15	91	13.65	59.5	$104.65
91	16433	DBA joke mug - it depends (Black)	Each	7	13	15	91	13.65	59.5	$104.65
74	17096	Developer joke mug - when your hammer is C++ (White)	Each	7	13	15	91	13.65	59.5	$104.65
86	17651	Developer joke mug - a foo walks into a bar (White)	Each	7	13	15	91	13.65	59.5	$104.65
90	17755	DBA joke mug - it depends (Black)	Each	7	13	15	91	13.65	59.5	$104.65
81	17840	DBA joke mug - two types of DBAs (Black)	Each	7	13	15	91			
39	17862	DBA joke mug - it depends (Black)	Each	7	13	15	91			
86	18131	IT joke mug - keyboard not found ... press F1 to continue (	Each	7	13	15	91			
81	18135	IT joke mug - keyboard not found ... press F1 to continue (	Each	7	13	15	91			
81	18463	Developer joke mug - that's a hardware problem (Black)	Each	7	13	15	91			
9	497	Developer joke mug - inheritance is the OO way to becom	Each	7	13	15	91			
19	834	Developer joke mug - old C developers never die (White)	Each	7	13	15	91			
25	935	DBA joke mug - it depends (White)	Each	7	13	15	91			
12	1019	Developer joke mug - old C developers never die (White)	Each	7	13	15	91			

Table: FactSale (26,397 rows) Column: Total Including Tax (486 distinct values)

Fields — Search
- DimCustomer
- DimDate
- DimEmployee
- FactSale
  - Bill To Customer Key
  - City Key
  - Customer Key
  - Delivery Date Key

Context | **Instructions** — Minimize
① ② ③ ④ ⑤
- In the *Data* view of FactSale , select the Total Including Tax column.
- Using *Column tools*, change the format to *Currency*.

Hint | Rewatch Video | Next →

3

Formatting currency | Power BI | DataCamp Learn

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2_4_format_currency - Power BI Desktop — Search — Sign in

File Home Help Table tools **Column tools**

Name: Total Including Tax | Format: Currency | Summarization: Sum
Data type: Decimal number | $ ~ % , .00 .0→ 2 | Data category: Uncategorized

Change the number of decimal places shown for this value.

Structure — Properties — Sort — Groups — Relationships — Calculations

Description	Package	Quantity	Unit Price	Tax Rate	Total Excluding Tax	Tax Amount	Profit	Total Including Tax	Total Dry Items	Total Chiller Items
DBA joke mug - two types of DBAs (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - SELECT caffeine FROM mug (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - mind if I join you? (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - it depends (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
Developer joke mug - that's a hardware problem (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
Developer joke mug - (hip, hip, array) (Black)	Each	7	13	15	91	13.65	59.5	$104.65	7	
Developer joke mug - it depends (Black)	Each	7	13	15	91	13.65	59.5	$104.65	7	
Developer joke mug - when your hammer is C++ (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
Developer joke mug - a foo walks into a bar (White)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - it depends (Black)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - two types of DBAs (Black)	Each	7	13	15	91	13.65	59.5	$104.65	7	
DBA joke mug - it depends (Black)	Each	7	13	15	91	13.65	59.5			
IT joke mug - keyboard not found ... press F1 to continue (	Each	7	13	15	91	13.65	59.5			
IT joke mug - keyboard not found ... press F1 to continue (	Each	7	13	15	91	13.65	59.5			
Developer joke mug - that's a hardware problem (Black)	Each	7	13	15	91	13.65	59.5			
Developer joke mug - inheritance is the OO way to becom	Each	7	13	15	91	13.65	59.5			
Developer joke mug - old C developers never die (White)	Each	7	13	15	91	13.65	59.5			
DBA joke mug - it depends (White)	Each	7	13	15	91	13.65	59.5			
Developer joke mug - old C developers never die (White)	Each	7	13	15	91	13.65	59.5			

Table: FactSale (26,397 rows) Column: Total Including Tax (486 distinct values)

Fields — Search
- DimCustomer
- DimDate
- DimEmployee
- FactSale
  - Bill To Customer Key
  - City Key
  - Customer Key
  - Delivery Date Key
  - Description

Context | **Instructions** — Minimize
① ② ③ ④ ⑤
Change the number of decimal places shown to *2* instead of *Auto*.

Hint | Rewatch Video | Next →

4

Making Maps with geographic data

1

2

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Daily XP 500   Guides

2_5_making_maps - Power BI Desktop

Search

Sign in

File   Home   Help

Paste   Cut   Copy | Get data | Excel workbook | Power BI datasets | SQL Server | Enter data | Dataverse | Recent sources | Transform data | Refresh | Manage relationships | Manage roles | View as | Q&A setup | Language | Linguistic schema | Sensitivity | Publish

Clipboard   Data   Queries   Relationships   Security   Q&A   Sensitivity   Share

FactSale
- ∑ Bill To Customer Key
- City Key
- Customer Key
- 🗓 Delivery Date Key
- Description
- 🗓 Invoice Date Key
- ∑ Lineage Key
- Package
- ∑ Profit
- ∑ Quantity
- ∑ Sale Key
- Collapse ∧

DimDate
- ∑ Calendar Month Label
- ∑ Calendar Month Number
- ∑ Calendar Year
- Calendar Year Label
- ∑ Date
- ∑ Day
- ∑ Day Number
- ∑ Fiscal Month Label
- ∑ Fiscal Month Number
- ∑ Fiscal Year
- Fiscal Year Label
- Collapse ∧

DimCustome
- Bill To Custome
- Buying Group
- Category
- Credit Limit
- Customer
- Customer Key
- Lineage Key
- Postal Code
- Primary Contac
- Collapse ∧

All tables   +

Properties

Cards

Show the database in the header when applicable
No

Show related fields when card is collapsed
Yes

Pin related fields to top of card
No

Fields

Search
- DimCity
- DimCustomer
- DimDate
- DimEmployee
- FactSale

Context | Instructions | ⌄ Minimize

① 2 3 4 5 6

- Load the dimension table `DimCity.csv` from the `Datasets/WWI` folder on the Desktop.
- Go to the *Model* view and make sure a relationship is found between `DimCity` and `FactSale`.

Hint | Rewatch Video ▢ | Next →

3

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2_5_making_maps - Power BI Desktop

Search

Sign in

File   Home   Help   Table tools   Column tools

Name State or Province
Name your column.

% Format Text
$ % ⟋ ⟍ Auto

∑ Summarization Don't summarize
Data category Uncategorized

Sort by column | Data groups | Manage relationships | New column

Structure   Formatting   Properties   Sort   Groups   Relationships   Calculations

✕ ✓

City Key	City	State or Province	Country	Sales Territory	Location	Latest Recorded Population
81	El Toro	California	United States	Far West	0xE6100000010C27BBD05669D040404C7B8FA28A6C5DC0	0
303	Orleans	California	United States	Far West	0xE6100000010CC41E7F0E98A644400C642C89A2E25EC0	0
315	Oro Grande	California	United States	Far West	0xE6100000010CCED77624A84C4140A3B899C063555DC0	0
353	Petrolia	California	United States	Far West	0xE6100000010CE6D7C523A72944406BCC35165E125FC0	0
370	Herndon	California	United States	Far West	0xE6100000010C5B18927166B4240558A7846B6FA5DC0	0
549	Rimforest	California	United States	Far West	0xE6100000010CD77734C4671D4140B32E2416674E5DC0	0
633	Sawyers Bar	California	United States	Far West	0xE6100000010C2DD791D90FA6444050A0F42A57C85EC0	0
694	South Fontana	California	United States	Far West	0xE6100000010CB443577D09084140213020C54A5F5DC0	0
747	Sky Londa	California	United States	Far West	0xE6100000010CB82BAA3418B1424060ABA9D1D0905EC0	0
750	Skyforest	California	United States	Far West	0xE6100000010CE5DF1DCF1D1E4140162DE521784B5DC0	0
937	Nipton	California	United States	Far West	0xE6100000010C7149C44ABBBB4140A529A7E26BD15CC0	0
1137	Red Mountain	California	United States	Far West	0xE6100000010CE26190AADCAD4140BC85BF7078675DC0	0
1599	Grossmont	California	United States	Far West	0xE6100000010C241CC418A2634040EA69D14C413F5DC0	0
1736	Pinedale	California	United States	Far West	0xE6100000010CD07A9D79DE6B42405E08DE358DF25DC0	0
1741	Pinehurst	California	United States	Far West	0xE6100000010C73ADAC23FD584240CFBD874B0EC15DC0	0
1752	Hinkley	California	United States	Far West	0xE6100000010CA67EDE54A47741404ABD5DE5BF4C5DC0	0
2001	Scotland	California	United States	Far West	0xE6100000010C4792205C011F4140FE3A81FAE05F5DC0	0
2111	Smiley Park	California	United States	Far West	0xE6100000010C6E77C5426319414091FEA89729485DC0	0
2166	Meeks Bay	California	United States	Far West	0xE6100000010CAE4676A565844340C6EDE1DCF0075EC0	0
2223	Monolith	California	United States	Far West	0xE6100000010C374F1A0F5B8F41401884A8B1F3975DC0	0

Table: DimCity (13,028 rows) Column: State or Province (6 distinct values)

Fields

Search
- DimCity
  - City
  - City Key
  - Country
  - Latest Recorded Pop...
  - Location
  - Sales Territory
  - State or Province
- DimCustomer

Context | Instructions | ⌄ Minimize

1 ② 3 4 5 6

In the *Data* view, change the *Data category* of `DimCity`'s `State Province` to "State or Province".

Hint | Rewatch Video ▢ | Next →

4

5

2_5_making_maps - Power BI Desktop

Search

Sign in

File Home Insert Modeling View Help Format Data / Drill

Paste
Cut
Copy
Format painter

Clipboard

Get data Excel workbook Power BI datasets SQL Server Enter data Dataverse Recent sources

Data

Transform data Refresh

Queries

New visual Text box More visuals

Insert

New measure Quick measure

Calculations

Sensitivity

Sensitivity

Publish

Share

TOTAL INCLUDING TAX DATA

Profit by State or Province

NORTH AMERICA

Pacific Ocean

Atlantic Ocean

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Buying Group
☐ N/A
☐ Tailspin Toys
☑ Wingtip Toys

$905.93

Average of Total Including Tax

Wingtip Toys
Buying Group

Filters

Search

Filters on this visual

Buying Group
is (All)

Filters on this page

Add data fields he

Filters on all pages

Add data fields he

Visualizations

Build visual

Fields

Search

✓ +100 XP

Magnificent mapping! Maps are a powerful visualization that let you quickly interpret geographic data. Locations can quickly get crowded, but with the slicer, we can zoom into particular areas of interest.

Congrats on finishing the second chapter! Are you ready to learn more? In the next chapter, you'll dive deeper into the different types of visualizations Power BI offers, as well as how to customize them.

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Sales Data Total Including Tax Data +

Page 2 of 2

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