



Building and using Organizational Data Types

Lars Andersen, Microsoft



Agenda

- Recap of Data Types in Excel
- Building Organizational Data Types
- Consuming Organizational Data Types

















Recap of Data Types in Excel

Recap of Data Types in Excel

- Three categories of Data Types
 - Linked Data Types
 - Custom Data Types
 - Organizational Data Types

Linked Data Types

- Built-in, launched in 2018
 - Stocks
 - Currency
 - Geography

B	C
Cities of the World	
 Paris	=B3.
 London	 Area
 Rome	 Country/region
 Tokyo	 Division 1
 Beijing	 Latitude
 Los Angeles	 Leader(s)
 Seattle	 Longitude
	 Name
	 Population
	 Time zone(s)

Custom Data Types

- Build using Power Query in Excel
- Combine columns to a Custom Data Type, e.g. details about a customer

Cost	Customer	Product
35	⚡ Muhammed MacIntyre	⚡ Eldon Base for stackable storage shelf, platin
68.02	⚡ Barry French	⚡ 1.7 Cubic Foot Compact "Cube" Office Refrige
2.99	⚡ Barry French	⚡ Cardinal Slant-D® Ring Binder, Heavy Gauge
3.99	⚡ Clay Rozendal	⚡ R380
5.94	⚡ Carlos Soltero	⚡ Holmes HEPA Air Purifier
4.95	⚡ Carlos Soltero	⚡ G.E. Longer-Life Indoor Recessed Floodlight f
7.72	⚡ Carl Jackson	⚡ Angle-D Binders with Locking Rings, Label Ho
6.22	⚡ Carl Jackson	⚡ SAFCO Mobile Desk Side File, Wire Frame
35	⚡ Monica Federle	
8.33	⚡ Dorothy Badders	
6.18	⚡ Neola Schneider	
2	⚡ Neola Schneider	
5.94	⚡ Carlos Daly	
3.61	⚡ Carlos Daly	
2.99	⚡ Claudia Miner	
3.04	⚡ Neola Schneider	
1.39	⚡ Allen Rosenblatt	
26.22	⚡ Sylvia Foulston	
69	⚡ Sylvia Foulston	
5.26	⚡ Jim Radford	
8.99	⚡ Jim Radford	
0.5	⚡ Carlos Soltero	
0.7	⚡ Carlos Soltero	
13.18	⚡ Carl Ludwig	
4.93	⚡ Carl Ludwig	
0.7	⚡ Don Miller	
0.93	⚡ Annie Cyprus	
49	⚡ Carl Ludwig	
4.51	⚡ Carlos Soltero	
1.17	⚡ Carl G...	

Monica Federle

Customer Name
Monica Federle

Province
Nunavut

Region
Nunavut

Customer Segment
Corporate

Organizational Data Types

- Build your own Data Types
- Created in Power BI Desktop
- Consumed in Excel

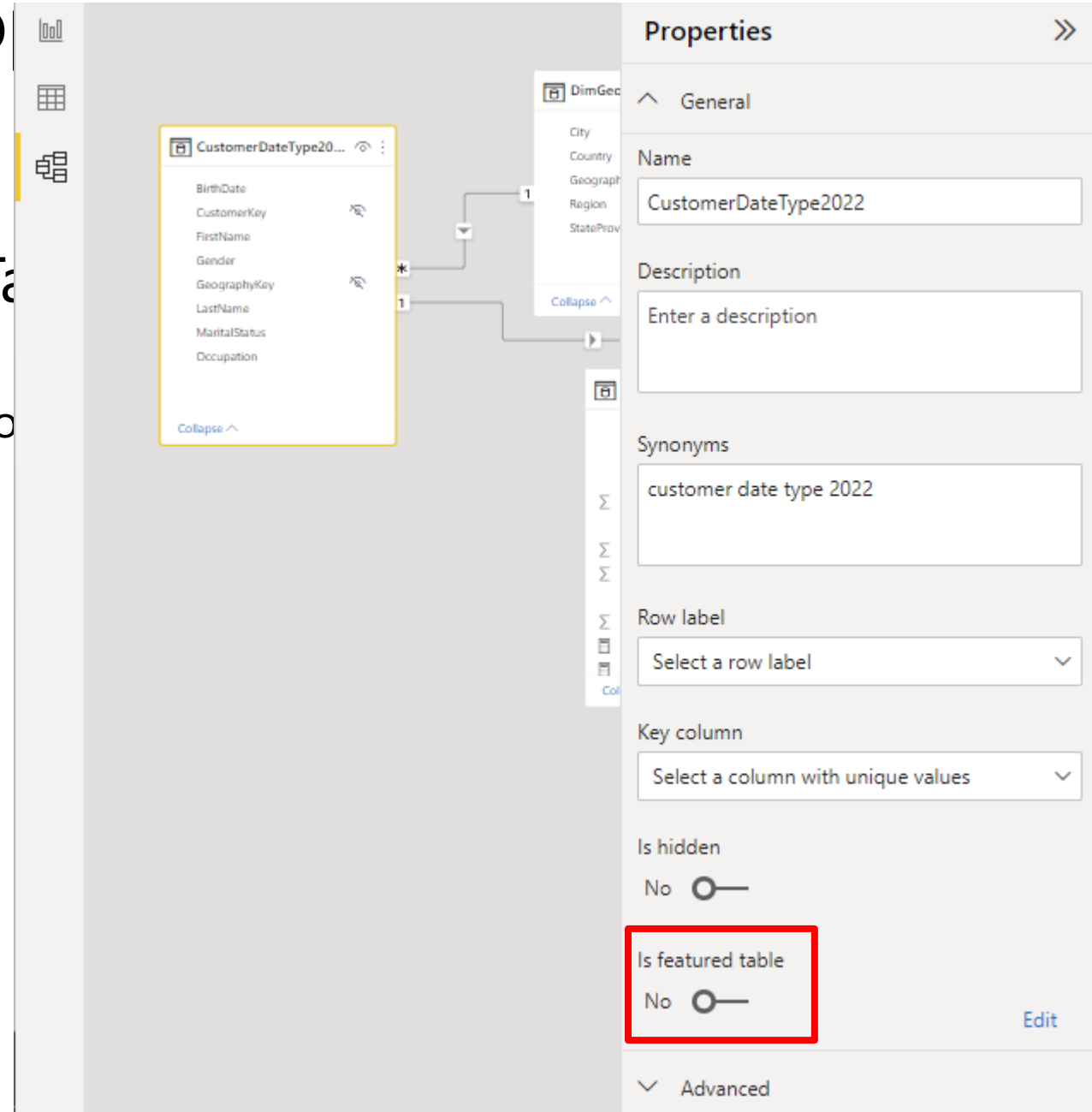
Building Organizational Data Types

Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured Table
 - Dataset must be 100% import
 - Configure Featured Table in Model view in Power BI Desktop

Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured Table
 - Dataset must be 100% import
 - Configure Featured Table in Model view in Power BI



Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured Table
 - Dataset must be 100% import
 - Configure Featured Table in Model view in P

×

Set up this featured table

The data in featured tables is discoverable in connected products. [Learn more](#)

All fields marked with * are required.

Description *

Row label *

Key column *

SaveCancel

Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured Table
 - Dataset must be 100% import
 - Configure Featured Table in Model view in P

×

Set up this featured table

The data in featured tables is discoverable in connected products. [Learn more](#)

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Description *

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Save Cancel

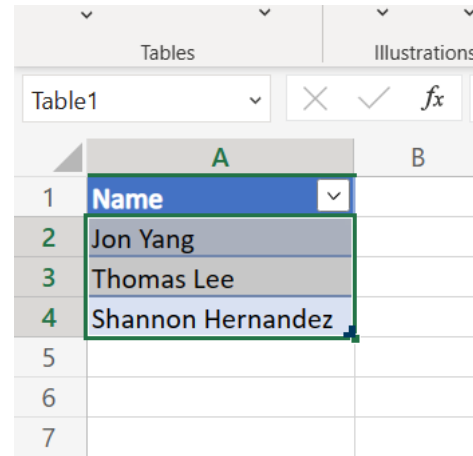
Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured Table
 - Dataset must be 100% import
 - Configure Featured Table in Model view in Power BI Desktop
 - Publish to Power BI Service

Consuming Organizational Data Types

Consumed in Excel

- Use data in cells
- Select data in cells

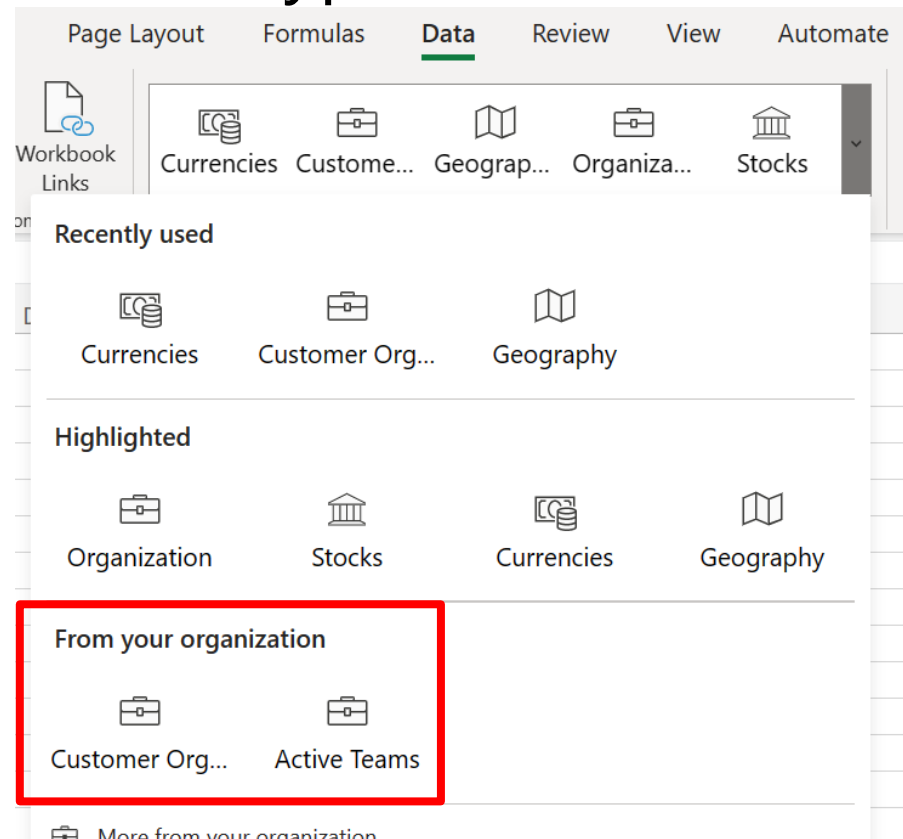


The screenshot shows an Excel interface with a table named 'Table1'. The table has two columns, A and B, and seven rows. The first row (A1) is the header with the text 'Name' and a dropdown arrow. The subsequent rows (A2-A4) contain the names 'Jon Yang', 'Thomas Lee', and 'Shannon Hernandez'. The dropdown menu in cell A1 is currently open, displaying these three names as options. The table is located in the 'Tables' pane on the left side of the Excel ribbon.

	A	B
1	Name	
2	Jon Yang	
3	Thomas Lee	
4	Shannon Hernandez	
5		
6		
7		

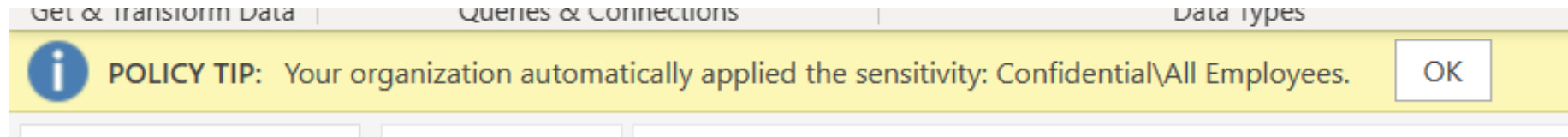
Consumed in Excel

- Use data in cells
- Select data in cells
- Select Organizational Data Type in Data ribbon > Data Types



Consumed in Excel

- Use data in cells
- Select data in cells
- Select Organizational Data Type in Data ribbon > Data Types
- Microsoft Information Protection label is inherited



Demo

Evaluation

<https://sqlb.it/?9407>

