Building and using Organizational Data Types

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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	
🗺 Rome	
🗺 Tokyo	
🗺 Beijing	
🗺 Los Angeles	
🗺 Seattle	

Dropdown under =B3.:
- Area
- Country/region
- Division 1
- Latitude
- Leader(s)
- Longitude
- Name
- Population
- Time zone(s)

Documentation: What linked data types are available in Excel?

Custom Data Types

· Build using Power Query in Excel

· Combine columns to a Custom Data Type, e.g. details about a customer

Documentation: Create a data type (Power Query)

Organizational Data Types

· Build your own Data Types

· Created in Power BI Desktop

· Consumed in Excel

Documentation: [Convert text to an Organization data type](#)

Building Organizational Data Types
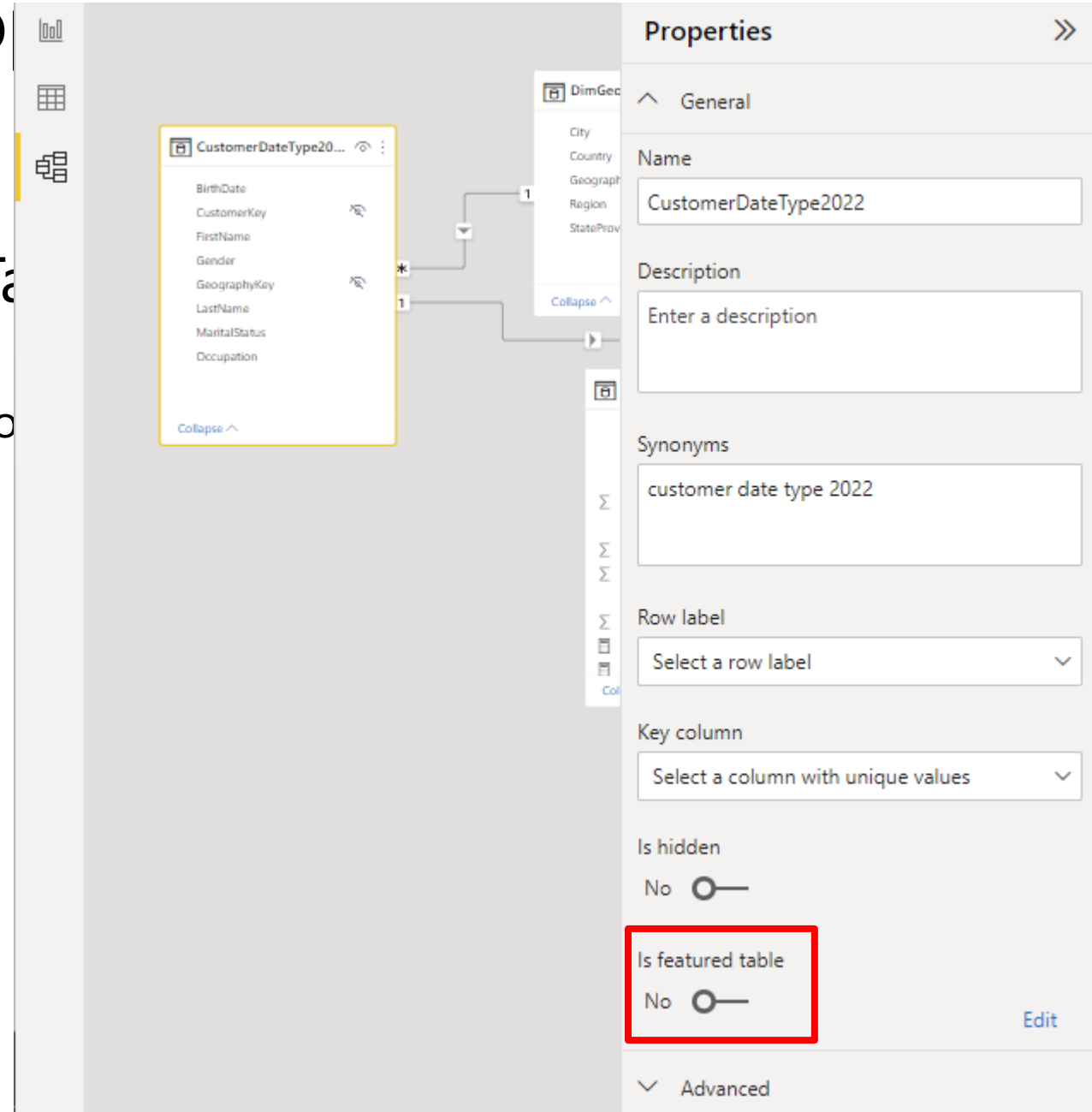
Created in Power BI Desktop

- 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 Deskto|

- Build your own Data Types

- Created in Power BI as Featured Ta|
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Created in Power BI Desktop

- Build your own Data Types
- Created in Power BI as Featured T
  - 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 *

Enter a description

Row label *

Select a row label

Key column *

Select a column with unique values

Save   Cancel

Created in Power BI Desktop

- Build your own Data Types

- Created in Power BI as Featured T
  - 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 *

Demo of Featured Table created in Power BI and used in Excel as Data Type

Row label *

Name ▾

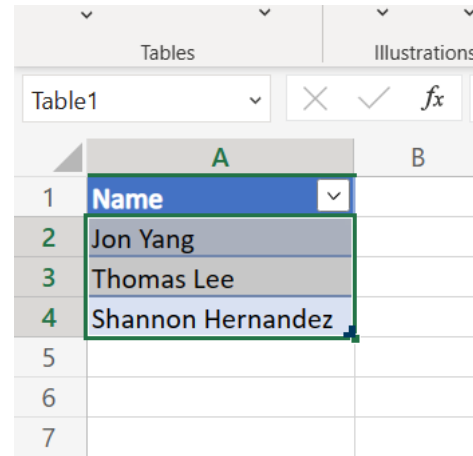Key column *

CustomerKey ▾

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

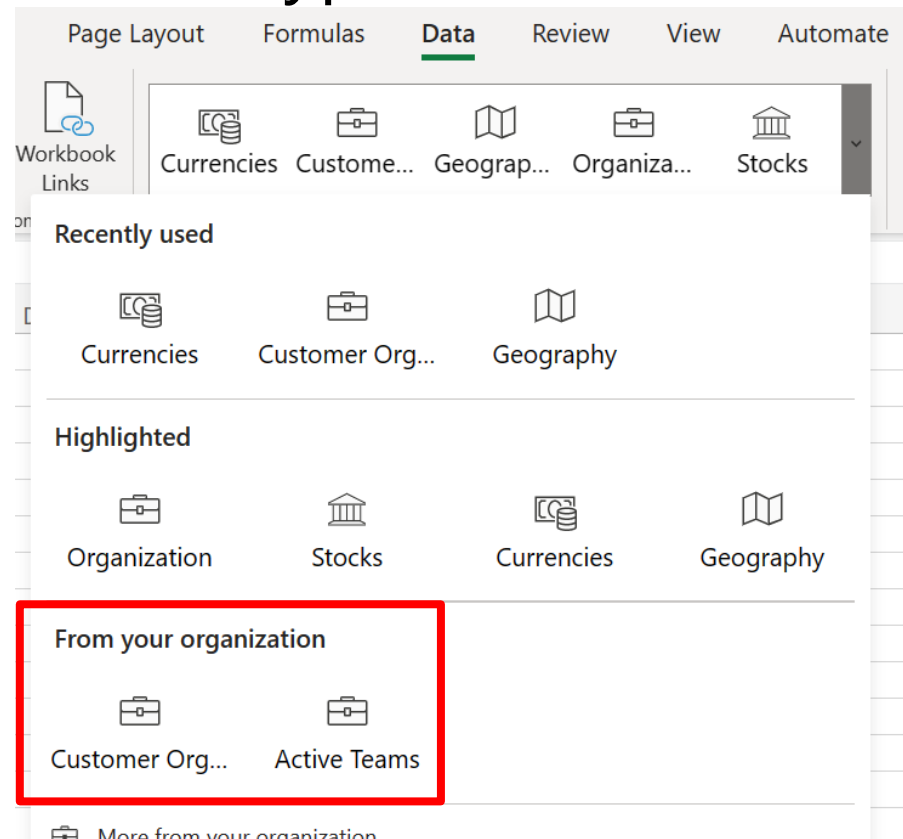· Use data in cells
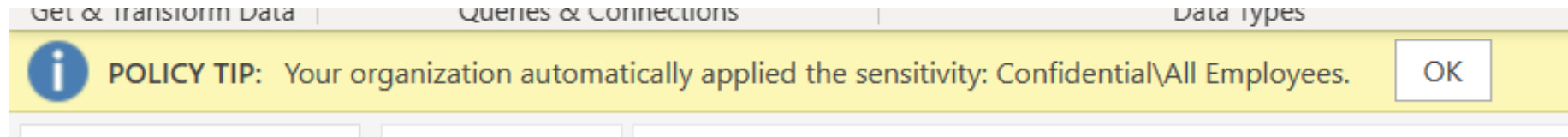
· Select data in cells

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

Get & Transform Data | Queries & Connections | Data Types

ⓘ **POLICY TIP:** Your organization automatically applied the sensitivity: Confidential\All Employees. | OK

Demo

Evaluation

https://sqlb.it/?9407