

Laboratorio 02: Qlik

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1. Objetivo

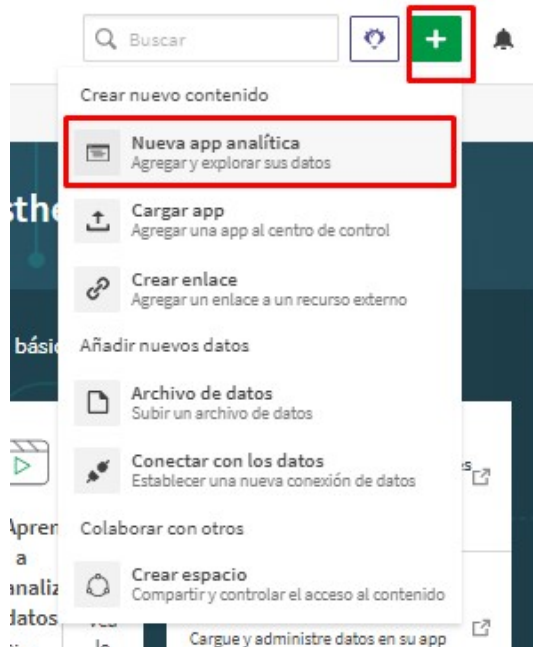
Comprender el funcionamiento de Qlik realizando un ejercicio con instrucciones precisas.

2. Desarrollo

- Develop a sheet using the 'Insight advisor'

Create a new app

- Launch Qlik Sense.



- Create a new app. o Name the app: “My Sales Analysis”. Create and Open app.

Crear una nueva app ⓘ

Nombre
My Sales Analysis

Espacio
Personal

Descripción
Primer

Etiquetas ⓘ

☒ Abrir app

Cancelar Crear

Load data

- Use the Add data from files and other sources tile in order to add the Excel data to the app (from the file ExerciseData.xlsx). o Load all fields from the spreadsheet, by clicking the Add data button.

Comience añadiendo datos a su app.

Añadir datos de archivos y otras fuentes
Arrastre y suelte archivos o haga clic para examinar archivos y conexiones

Editor de script
Cargar datos y realizar transformaciones utilizando el editor de carga de datos

añadir datos a My Sales Analysis"

Nuevo

Entrada manual

Conexiones existentes

Personal

Configuraciones de archivo

Archivos de datos

ExerciseData.xlsx

Formato de archivo: Excel (XLSX)

Nombres de campo: Nombres de campo i...

Tamaño de cabecera: - 0 +

Tablas: Filtrar tablas

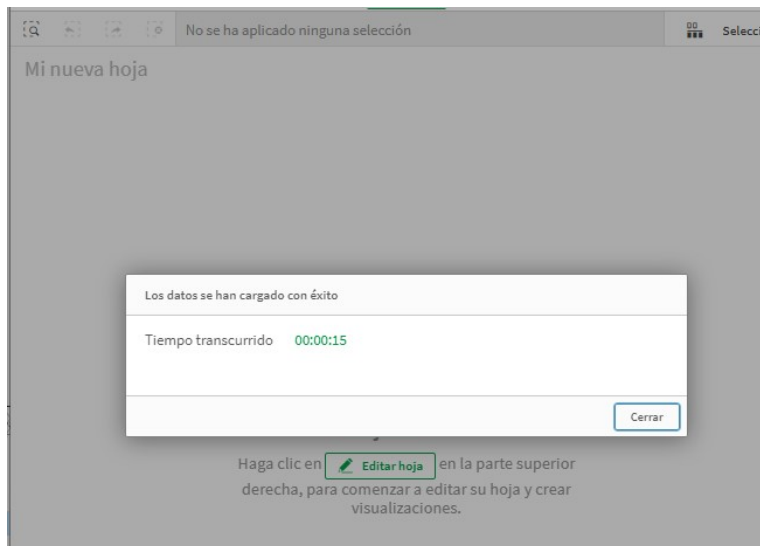
Exercise Data Exa... 13

Filtrar campos

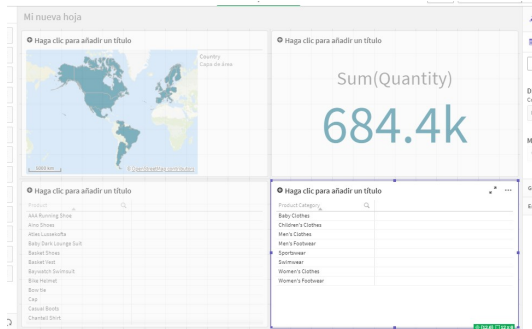
Order...	Customer	Product
8/31/2015	Grunewald	Bow tie
12/4/2017	Grunewald	Root Boot
7/29/2016	Grunewald	Le Baby Dress
7/29/2016	Grunewald	Oyaki Kimono
2/9/2016	Grunewald	Sumi Underwear
2/9/2016	Grunewald	Patamonia Fleece Jacket
7/29/2016	Grunewald	Tennis Suit
8/31/2015	Grunewald	Duck Trousers
5/24/2017	Grunewald	Bike Helmet
8/31/2015	Grunewald	Wimbledon T-Shirt
12/26/2016	Dr Jims Trousers	Casual Boots
10/29/2016	Grunewald	Rodbye Troje
10/29/2016	Grunewald	Oyaki Kimono
7/29/2016	Grunewald	Game Over T-Shirt
3/15/2017	Grunewald	Wrap Skirt
11/16/2016	Grunewald	O-Man Underwear
10/29/2016	Grunewald	Runner Shoes
4/24/2017	Grunewald	Tube Socks

Review data

- Use the quick access menu to navigate to the Data manager view, in order to learn more about this table.

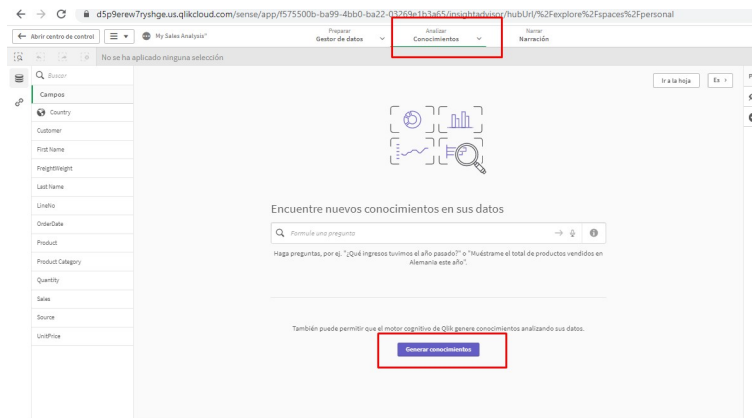


- Open the Data manager's table editor view by clicking on the icon along the bottom of the view. Click on the indicated fields and view the summary card to answer the following questions:
 - o How many distinct



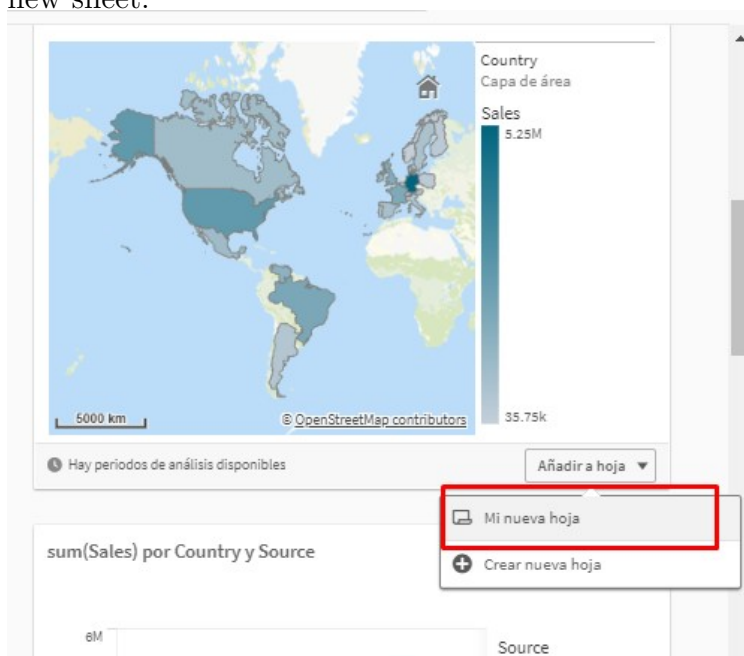
- Develop a sheet using 'Chart suggestion assistance'

- Use the quick access navigation submenu under Analyze > Sheet to select Insights, click the button to

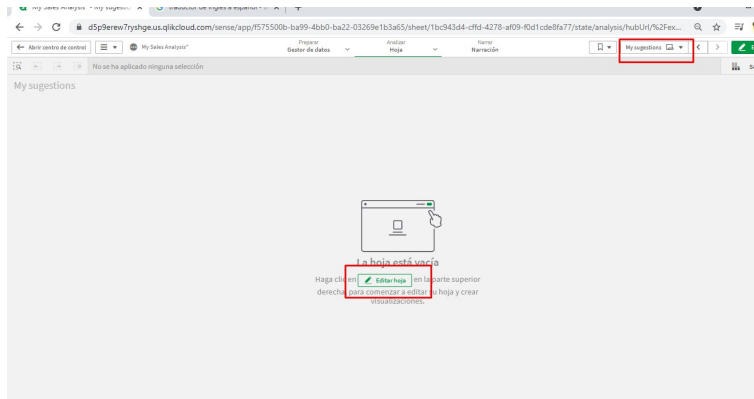


Generate insights - based upon the entire data model.

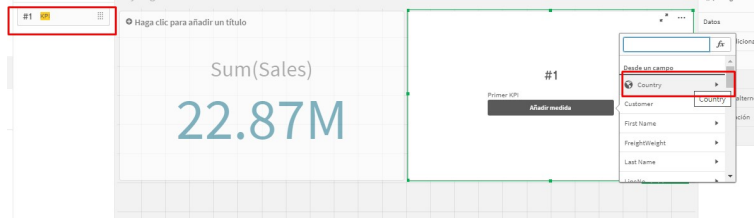
- Locate the map in the list of proposed charts, and Add to sheet ¿My new sheet.



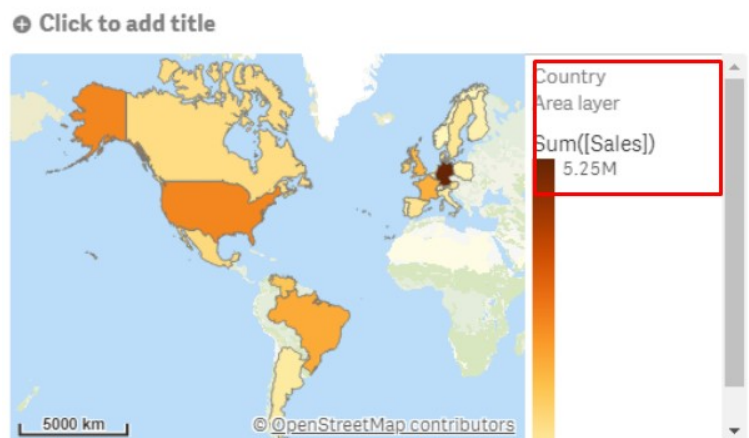
- Use the panel along the left to select (checked boxes) the fields: Product and UnitPrice.
 - o Locate the bar chart titled: sum(UnitPrice) by Product, and Add to sheet ¿My new sheet.
 - o Clear the fields ().



- Type the following into the 'Ask us a question' field: Which country has highest quantity? (and submit question).
 - o Locate the bar chart titled: sum(Quantity) by Country, and Add to sheet ¿My new sheet.

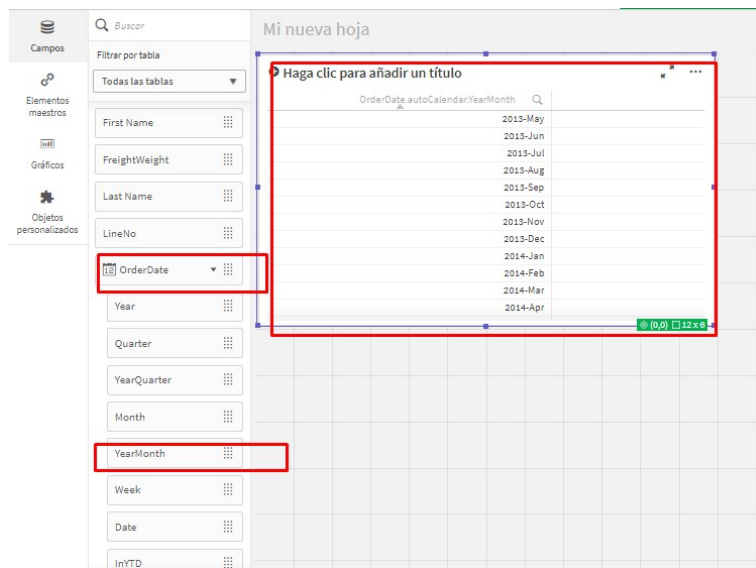


- Use the quick access navigation submenu under Analyze ¿Insights to select Sheet, and evaluate the sheet you have created. It should appear as you see below:

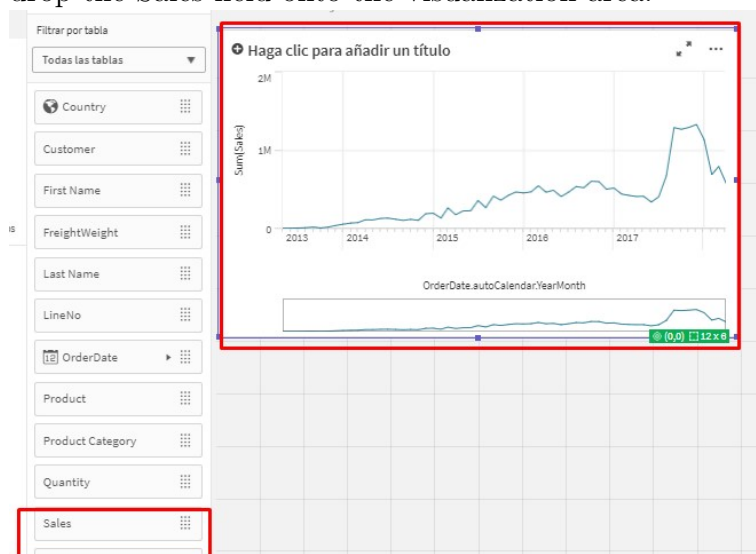


- Develop a sheet using ‘Chart suggestion assistance’ (cont’d)

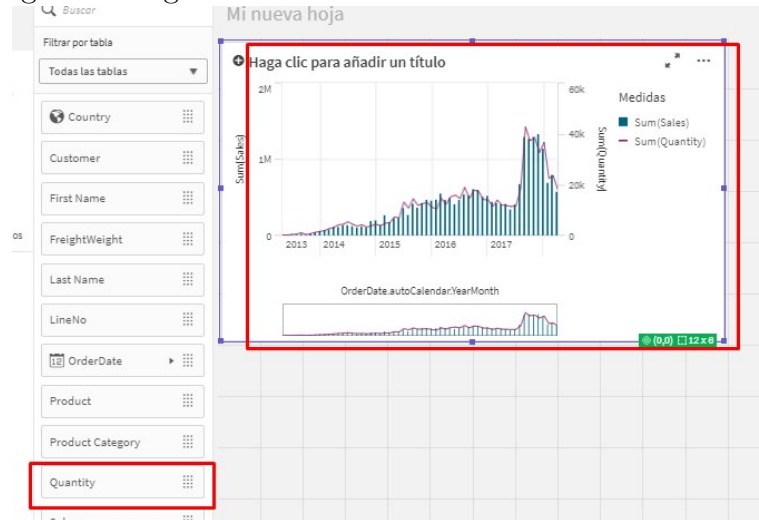
Use the sheets drop down menu () to Create new sheet. o Title the sheet: “My suggestions“.



In Edit sheet mode, use the Fields () section of the assets panel, drag drop the Sales field onto the visualization area.

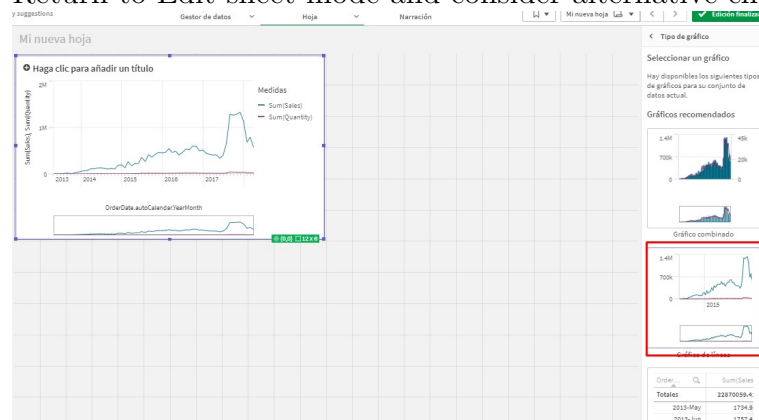


Drag drop the Country field onto the KPI chart, ensuring that the ‘ghost’ image covers the entire chart.



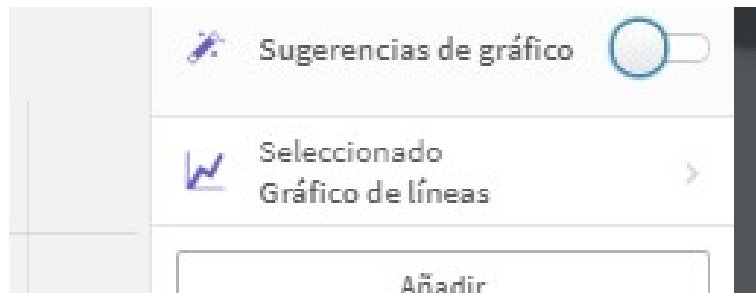
- Try an alternate suggested chart type

Return to Edit sheet mode and consider alternative chart suggestions.

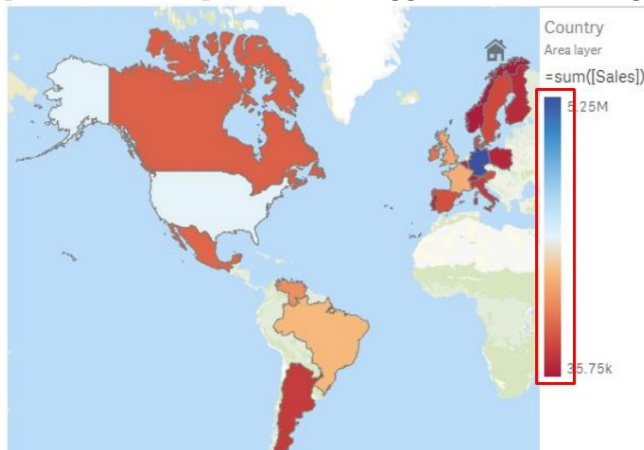


- Toggle the Chart suggestions switch from ‘on’ to ‘off’

Notice that the properties panel for the charts configured with assistance present only limited settings options for you to adjust



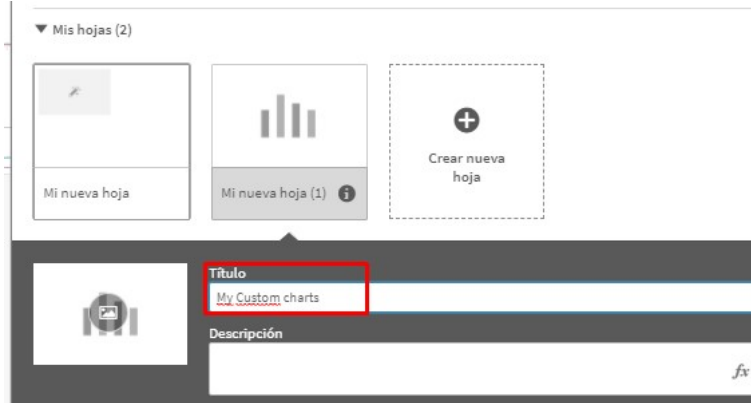
We would like to adjust the color scheme applied to the country shapes on the map chart, so toggle the Chart suggestions switch to 'off'.



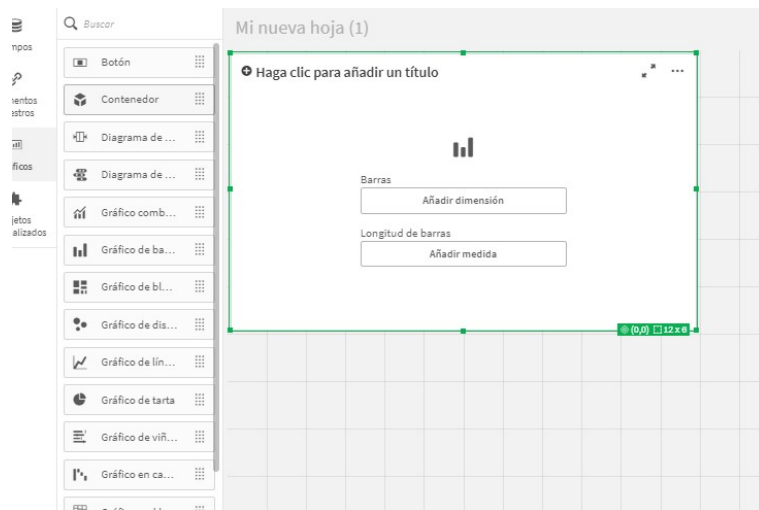
The resulting map should appear as you see below.

- Develop a sheet without assistance

Create a new sheet in the app, titled “My custom charts”.



Drag drop objects from the Charts () section of the assets panel to the visualization area, and resize each, to populate a sheet with a Bar chart, Table, Pie Chart, KPI, Filter pane, and Text image area organized within the visualization space as shown below:



- Develop a sheet without assistance (cont'd)

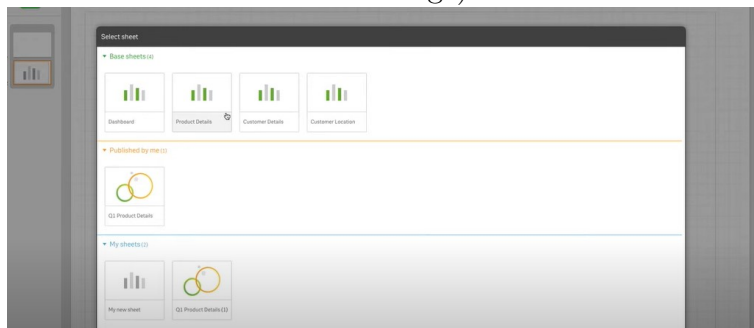
The sheet you configured should appear as you see below:



- Tell a story
 - Use the quick access menu to navigate to the Storytelling view.



- Use the Snapshot library () to add the two snapshots you took to the blank slide.
- Use the Text library () to add a label for 2013 (to the pie chart with the smaller New Accounts wedge).

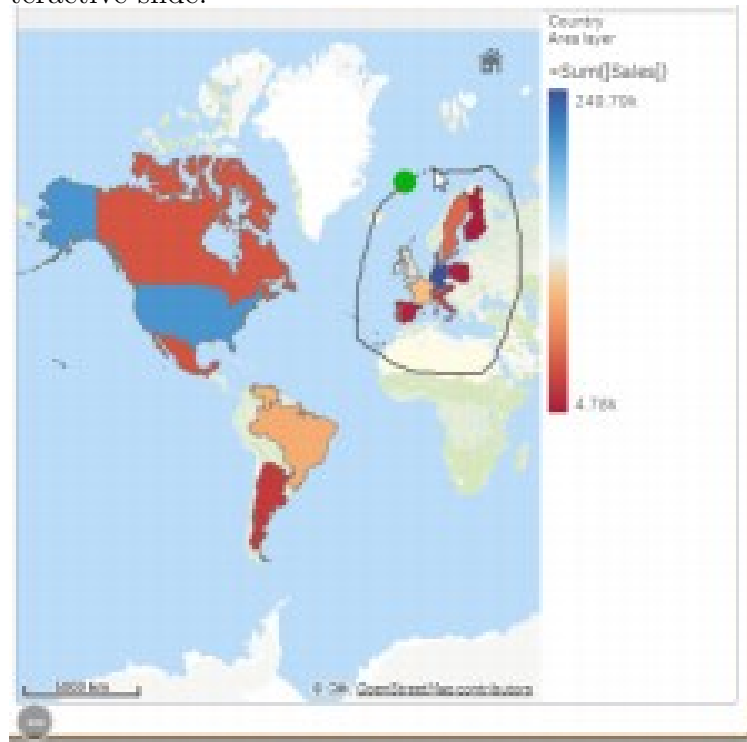


- Add another label for 2015 (to the pie chart with the larger New Accounts wedge).



- Use the Sheet library () to add the sheet titled My suggestions to a slide in the story.
- Play the story (). Click on different visual aspects of your live data

sheet (like individual country shapes) in order to see that it is an interactive slide.



3. Conclusiones

- Qlik es muy bueno con el filtro de datos, porque ya tiene definido elementos. Cuando cargamos datos, en este caso uno de excel, los lo une con sus elementos ya definidos para que podamos trabajar en el analisis de datos.

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