UNIVERSIDAD PRIVADA DE TACNA

FACULTAD DE INGENIERIA

Escuela Profesional de Ingeniería de Sistemas

INFORME DE LABORATORIO Nº 2
"Visualización de Datos en Qlik Sense"

Curso: Inteligencia de Negocios

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INDICE

INFORME DE LABORATORIO Nº 2
TEMA: VISUALIZACIÓN DE DATOS EN QLIK SENSE

I.   INFORMACIÓN GENERAL

- **Objetivos:**

Comprender la organización la información de nuestros datos de tal manera que todos los que los vean puedan comprender sus implicaciones y cómo actuar sobre ellos con claridad.
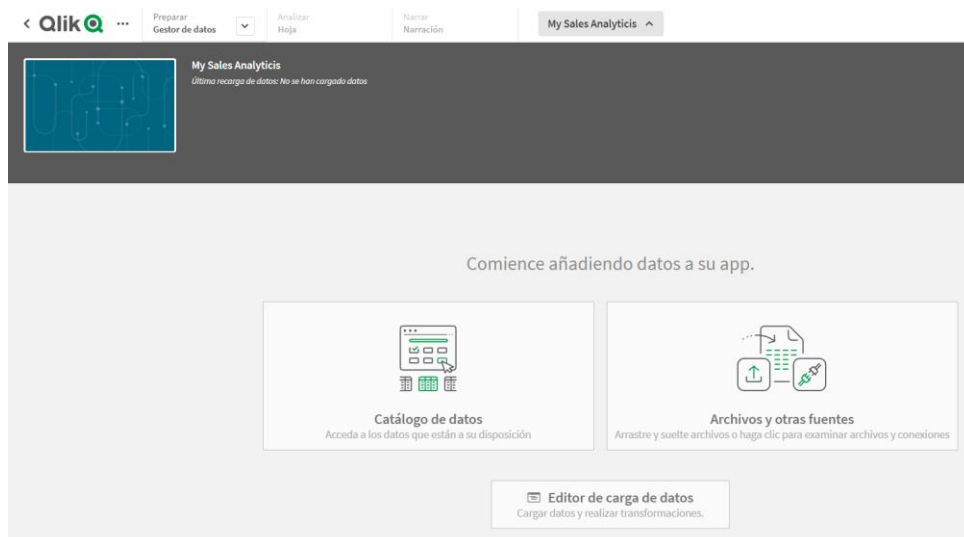
- **Equipos, materiales, programas y recursos utilizados:**
  - Computadora con sistema operativo Windows 7,8 o 10 en general
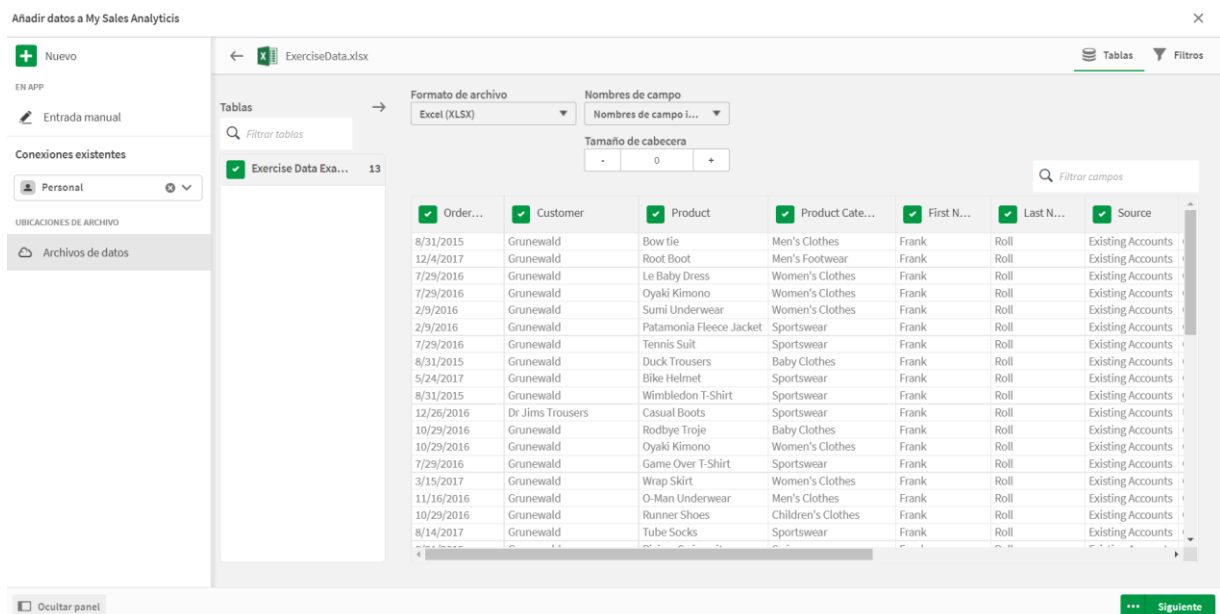 - Software Tableau

II. PROCEDIMIENTO

Create a new app

  • Launch Qlik Sense.

  • Create a new app.

    o Name the app: "My Sales Analysis".

    o Create and Open app.

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.

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:

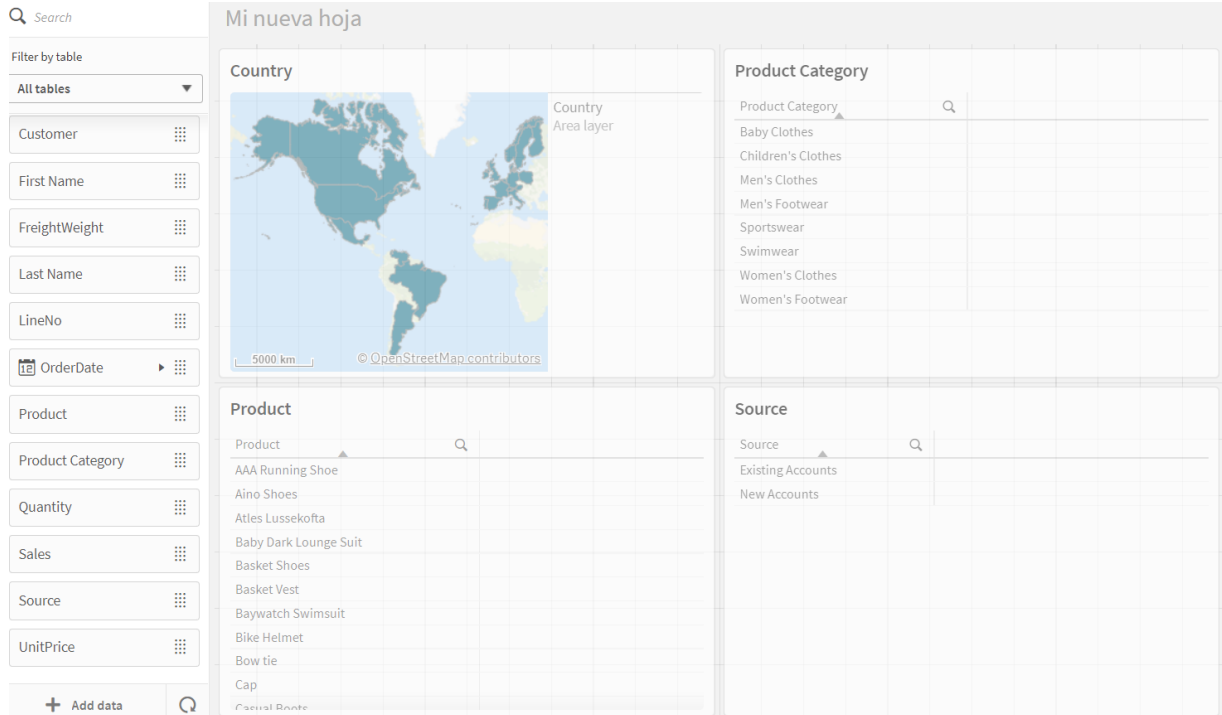> o How many distinct Country values are present in this table? (Answer = 21)
>
> o How many distinct values are there for the Product Category field? (Answer = 8)
>
> o How many distinct values are there for the Product field? (Answer = 74)

o How many distinct values are there for the Source field?

(Answer = 2); What are those two values? (Answer = Existing

Accounts and New Accounts)

Develop a sheet using the 'Insight advisor'

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

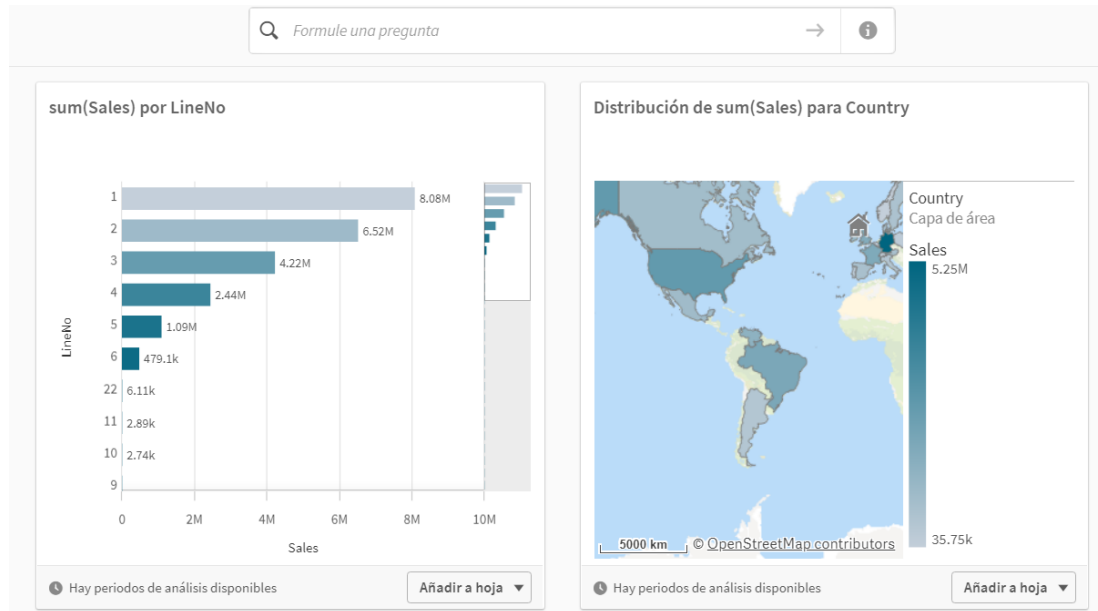Generate insights - based upon the entire data model.

• 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.
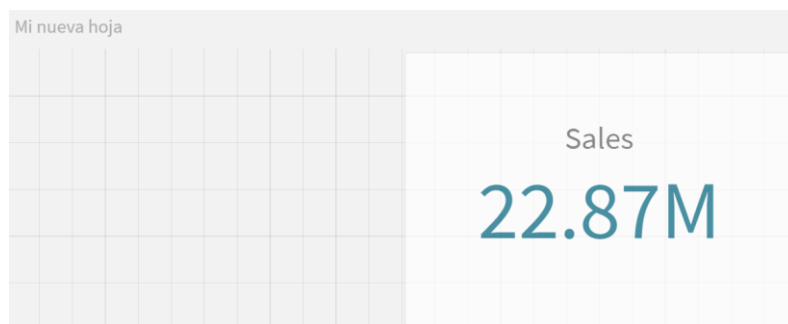
 o Clear the fields ( ).

• 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

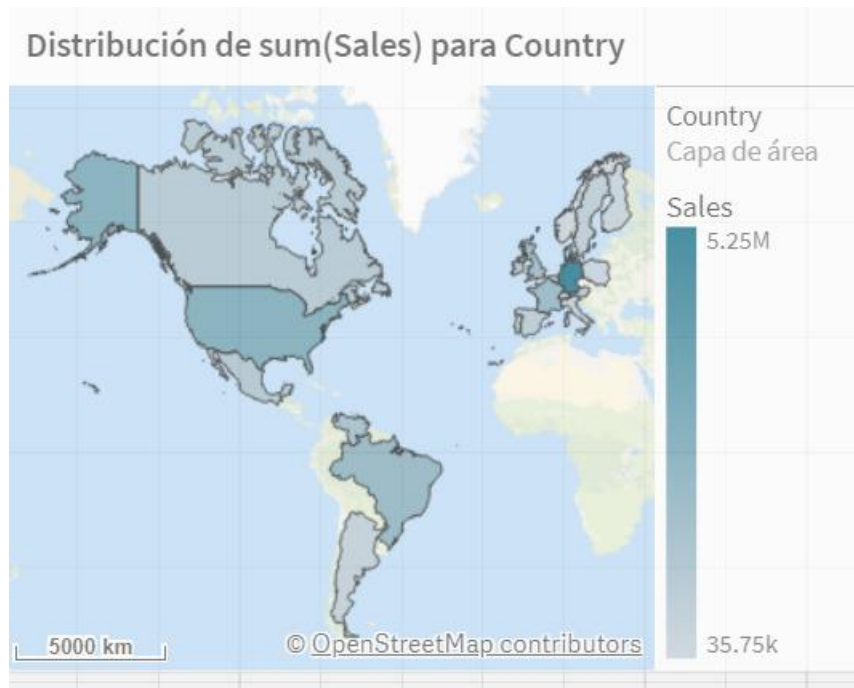sheet you have created. It should appear as you see below:

Develop a sheet using 'Chart suggestion assistance'

• 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 on

the visualization area.

  o A KPI chart type results, which displays the sum of sales values for the entire
  data model.

  o In addition, the Chart suggestions switch at the top of the properties panel is
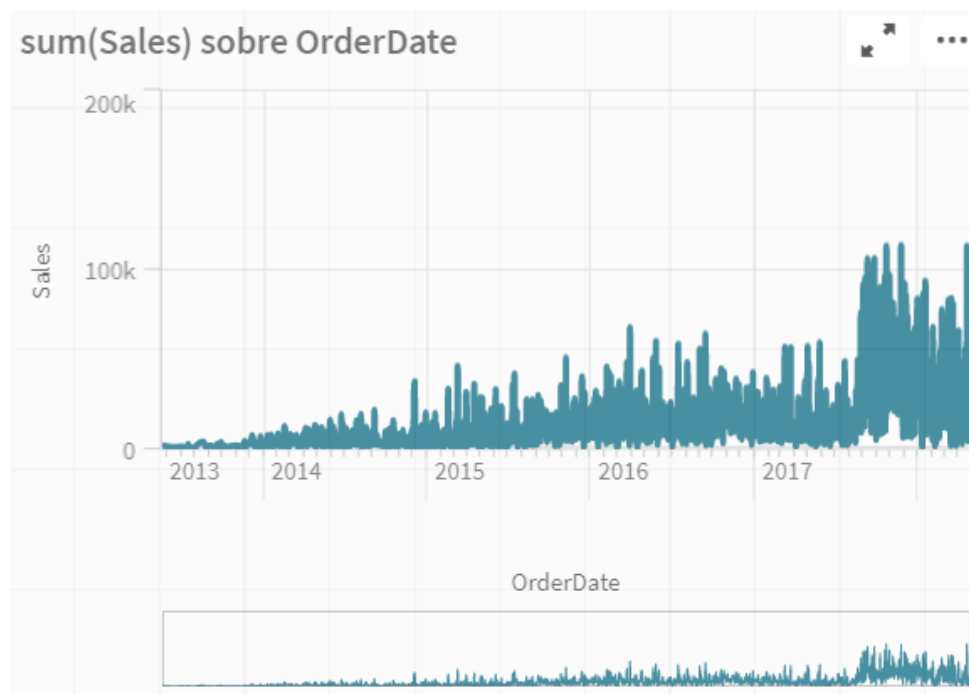 set to 'on'.

Develop a sheet using 'Chart suggestion assistance' (cont'd)

• Expand the OrderDate field in the assets panel in order to expose derived date
groupings.

  o Drag & drop the YearMonth grouping onto an empty space in the
  visualization area.

  o A table chart type results.

• Drag & drop the Sales field to cover the entire table which currently displays year
and month values for
orders.

  o A line chart results, due to
  the fact that a date
  dimension and a field of

measure values have been

supplied to this visualization.

• Drag & drop the Quantity field to cover the entire line chart.

o A combo chart results, due to the fact that a dimension and multiple

measures (occupying

different ranges) were provided.

o Click the Done editing button, and use the mini-chart zoom slider, below the

combo chart, to

examine more recent month – year values.

III. CONCLUSIONES

Qlik Sense es una poderosa herramienta de Business Intelligence, que nos provee de una intuitiva interfaz para poder encontrar en los datos aquello que se nos escapa en un análisis convencional mediante consultas a una base de datos, y animándonos a siempre hacer preguntas adicionales al modelo mediante la selección, y a presentar los datos de diferentes maneras explotando la capacidad y flexibilidad del motor asociativo.

IV. REFERENCIA

https://help.qlik.com/es-ES/sense/February2022/Subsystems/Hub/Content/Sense_Hub/Expressions/references-fields-measures-variables.htm

https://help.qlik.com/es-ES/sense/February2022/Subsystems/Hub/Content/Sense_Hub/LoadData/understand-circular-references.htm