

Laboratorio 03: Creando un Reporte Interactivo en Power BI

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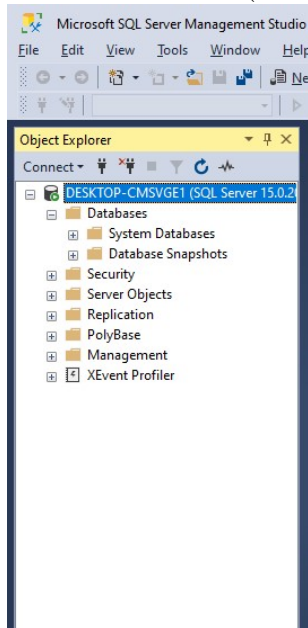
1. Objetivo

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

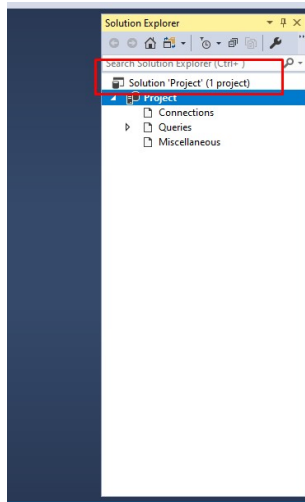
2. Desarrollo

TARE 01: Conectar con power BI a datos

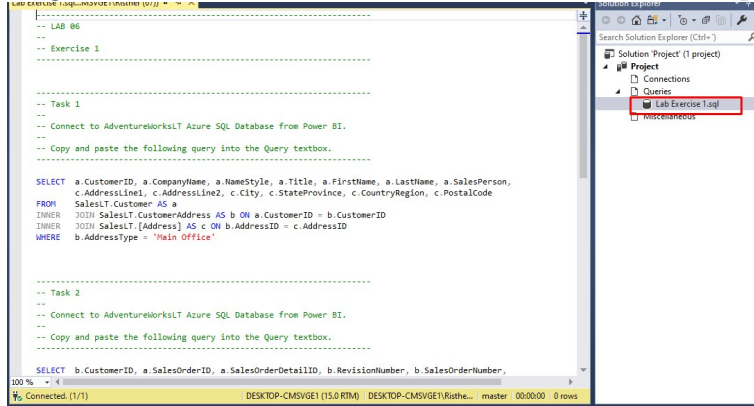
1. Abrir SQL Server Management Studio, y conectar a la instancia de base de datos (local) utilizando autenticación de Windows.



2. En el menú Archivo (File), en el submenú Abrir (Open), hacer click en Project/Solution, y buscar el archivo Project.ssmssln.

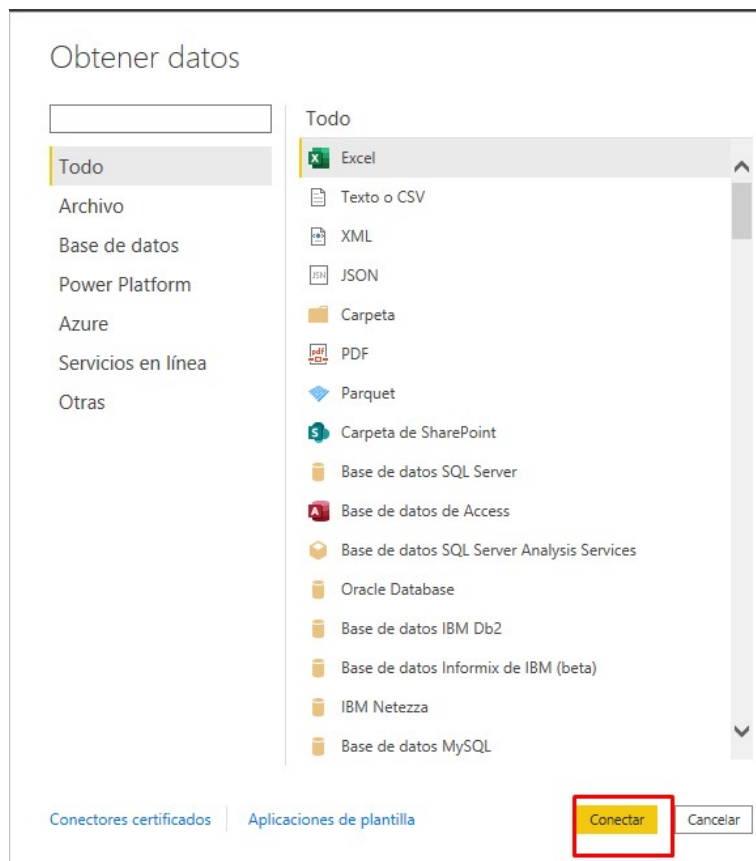


3. En el Explorador de Soluciones, expandir Consultas (Queries), y luego hacer doble click en el archivo Lab Exercise 1.sql.



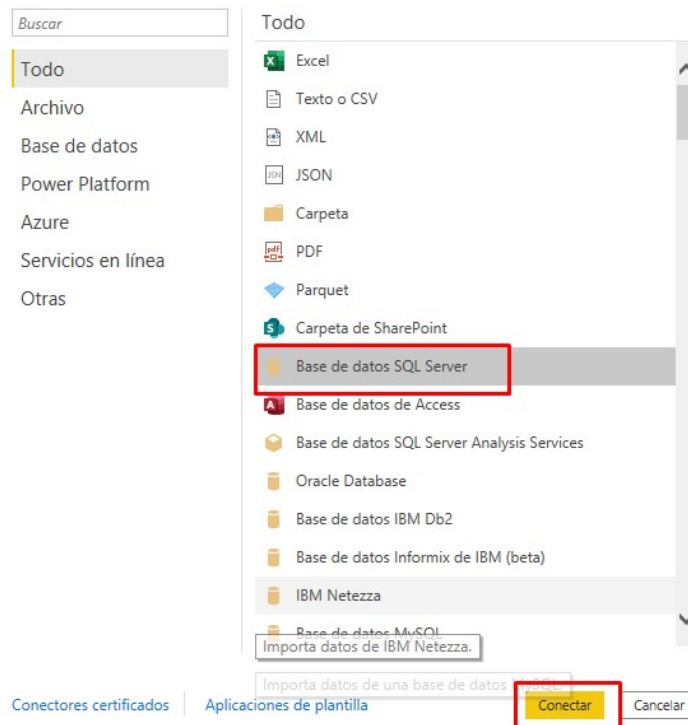
4. Abrir Power BI Desktop.

5. En la ventana Power BI Desktop, hacer click en Obtener Data (Get Data).



6. En el cuadro Obtener Datos, click base de datos Microsoft SQL, y entonces click en Conectar

Obtener datos



7. En la ventana base de datos Server database, En Servidor, escribir (local).

8. En Base de Datos (opcional), tipear AdventureWorksLT.

9. Expandir el cuadro Opciones Avanzadas. Copiar el script Task 1 del archivo

Lab Exercise 1.sql. y pegar

Base de datos SQL Server

Servidor ⓘ
local

Base de datos (opcional)
AdventureWorksLT

Modo Conectividad de datos ⓘ
☒ Importar
☐ DirectQuery

► Opciones avanzadas

la consulta en Power BI, en el cuadro sentencia SQL. Luego presionar OK.

Base de datos SQL Server

Servidor ⓘ
local

Base de datos (opcional)
AdventureWorksLT

Modo Conectividad de datos ⓘ
☒ Importar
☐ DirectQuery

▲ Opciones avanzadas

Tiempo de espera del comando en minutos (opcional)
[Empty field]

Instrucción SQL (opcional, requiere una base de datos)
c.AddressLine1, c.AddressLine2, c.City, c.StateProvince, c.CountryRegion, c.
FROM SalesLT.Customer AS a
INNER JOIN SalesLT.CustomerAddress AS b ON a.CustomerID = b.CustomerID
INNER JOIN SalesLT.[Address] AS c ON b.AddressID = c.AddressID
WHERE b.AddressType = 'Main Office'

☒ Incluir columnas de relación
☐ Navegar usando la jerarquía completa
☐ Habilitar la compatibilidad con la conmutación por error de SQL Server

Aceptar Cancelar

10. En la ventana de vista preliminar click en Cargar.

Base de datos SQL Server

Servidor ①

local

Base de datos (opcional)

Modo Conectividad de datos ①

☒ Importar

☐ DirectQuery

▲ Opciones avanzadas

Tiempo de espera del comando en minutos (opcional)

Instrucción SQL (opcional, requiere una base de datos)

```
FROM SalesLT.SalesOrderDetail AS a
INNER JOIN SalesLT.SalesOrderHeader AS b ON a.SalesOrderID = b.SalesOrderID
INNER JOIN SalesLT.Product AS c ON a.ProductID = c.ProductID
INNER JOIN SalesLT.ProductCategory AS d ON c.ProductCategoryID = d.ProductCategoryID
INNER JOIN SalesLT.ProductCategory AS e ON d.ParentProductCategoryID = e.ProductCategoryID
```

☒ Incluir columnas de relación

☐ Navegar usando la jerarquía completa

☐ Habilitar la compatibilidad con la conmutación por error de SQL Server

Aceptar Cancelar

11. En Power BI Desktop, click Obtener Datos y luego click en Mas.
12. Repetir los pasos del 6 al 10, utilizando el script Task 2.
13. De regreso en el reporte. Guardar el archivo como Adventure-WorksLT Sales.pbix.

localhost: AdventureWorksLT2016

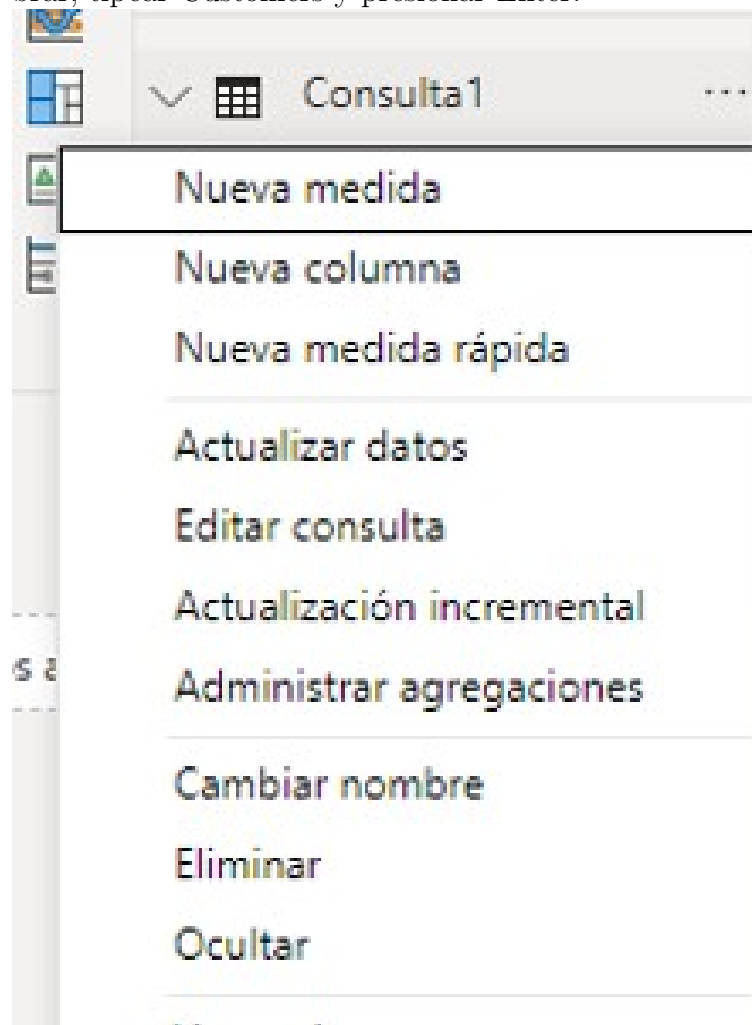
CustomerID	SalesOrderID	SalesOrderDetailID	RevisionNumber	SalesOrderNumber	MainCategory	SubCategory	ProductID	
29847	71774	110562	2	SO71774	Components	Road Frames	836	ML F
29847	71774	110563	2	SO71774	Components	Road Frames	822	ML F
30072	71776	110567	2	SO71776	Components	Brakes	907	Rear
30113	71780	110616	2	SO71780	Components	Mountain Frames	905	ML H
30113	71780	110617	2	SO71780	Bikes	Mountain Bikes	983	Mou
30113	71780	110618	2	SO71780	Bikes	Mountain Bikes	988	Mou
30113	71780	110619	2	SO71780	Components	Mountain Frames	748	HL N
30113	71780	110620	2	SO71780	Bikes	Mountain Bikes	990	Mou
30113	71780	110621	2	SO71780	Components	Mountain Frames	926	LL M
30113	71780	110622	2	SO71780	Components	Mountain Frames	743	HL N
30113	71780	110623	2	SO71780	Bikes	Mountain Bikes	782	Mou
30113	71780	110624	2	SO71780	Components	Mountain Frames	918	LL M
30113	71780	110625	2	SO71780	Bikes	Mountain Bikes	780	Mou
30113	71780	110626	2	SO71780	Components	Pedals	937	HL N
30113	71780	110627	2	SO71780	Clothing	Shorts	867	Won
30113	71780	110628	2	SO71780	Bikes	Mountain Bikes	985	Mou
30113	71780	110629	2	SO71780	Bikes	Mountain Bikes	989	Mou
30113	71780	110630	2	SO71780	Bikes	Mountain Bikes	991	Mou
30113	71780	110631	2	SO71780	Bikes	Mountain Bikes	992	Mou
30113	71780	110632	2	SO71780	Bikes	Mountain Bikes	993	Mou

Los datos de la vista previa se han truncado debido a límites de tamaño.

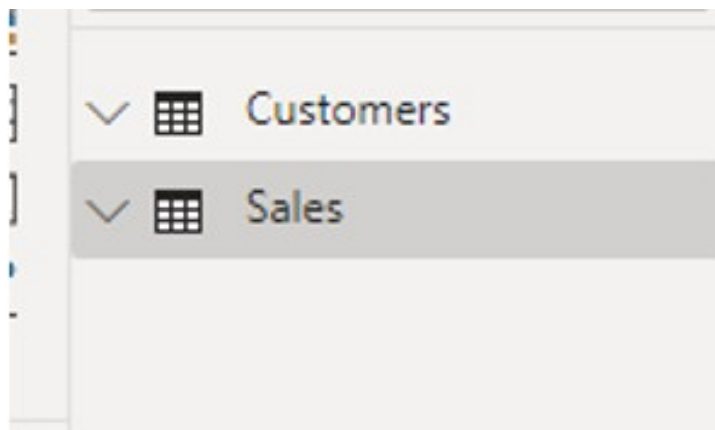
Cargar Transformar datos Cancelar

TAREA 02: Graficar ddatos

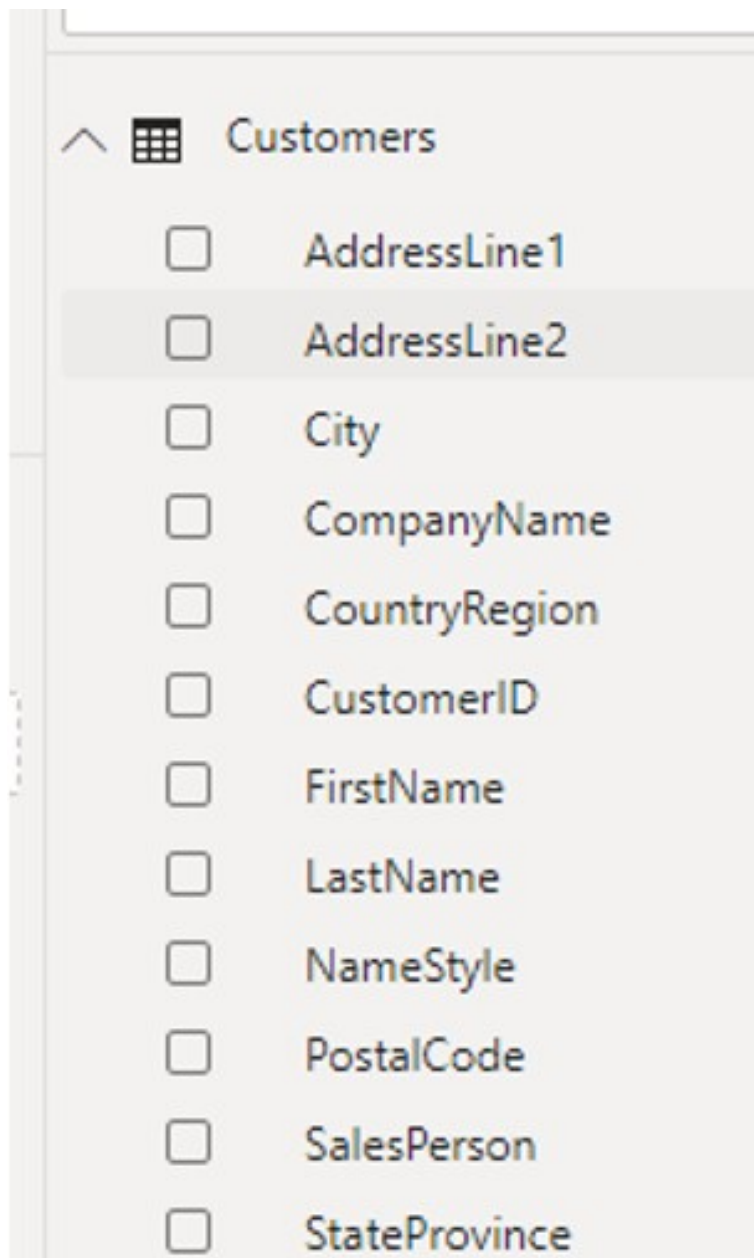
1. En el panel Campos (Fields), click derecho sobre Query1, Renombrar, tipear Customers y presionar Enter.



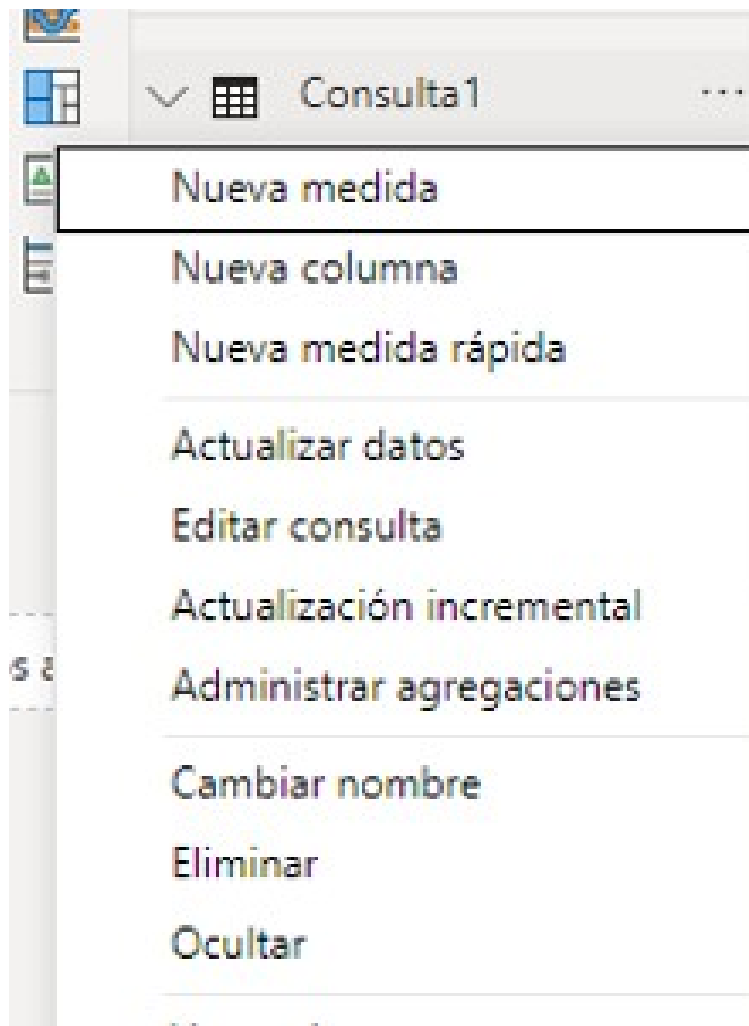
2. Para el Query2, hacer lo mismo del paso 1 y colocar el nombre Sales.



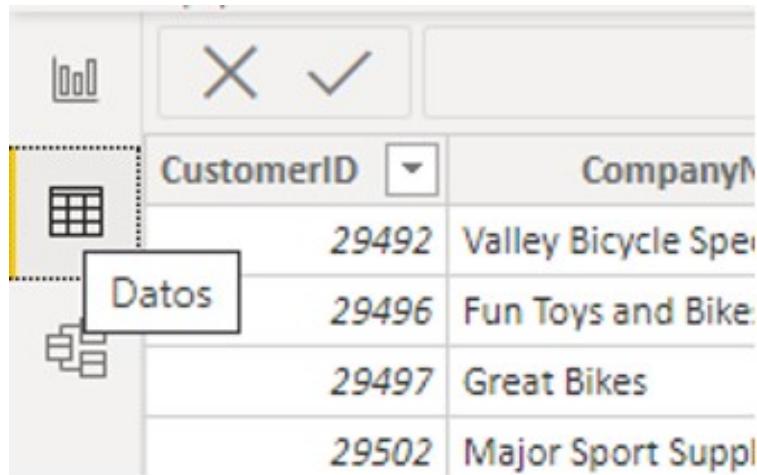
3. Expandir ambas tablas para ver todas las filas.



4. En la barra de navegación, click Datos (Data). Pág. 2



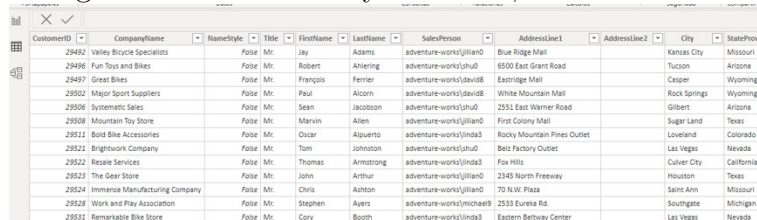
5. In the Fields pane, click the Customers table, if it is not already selected.



A screenshot of a data table interface. A tooltip labeled 'Datos' is positioned over the 'CustomerID' column. The table shows four rows of data with 'CustomerID' and 'CompanyName' columns visible.

CustomerID	CompanyName
29492	Valley Bicycle Spe
29496	Fun Toys and Bike
29497	Great Bikes
29502	Major Sport Suppl

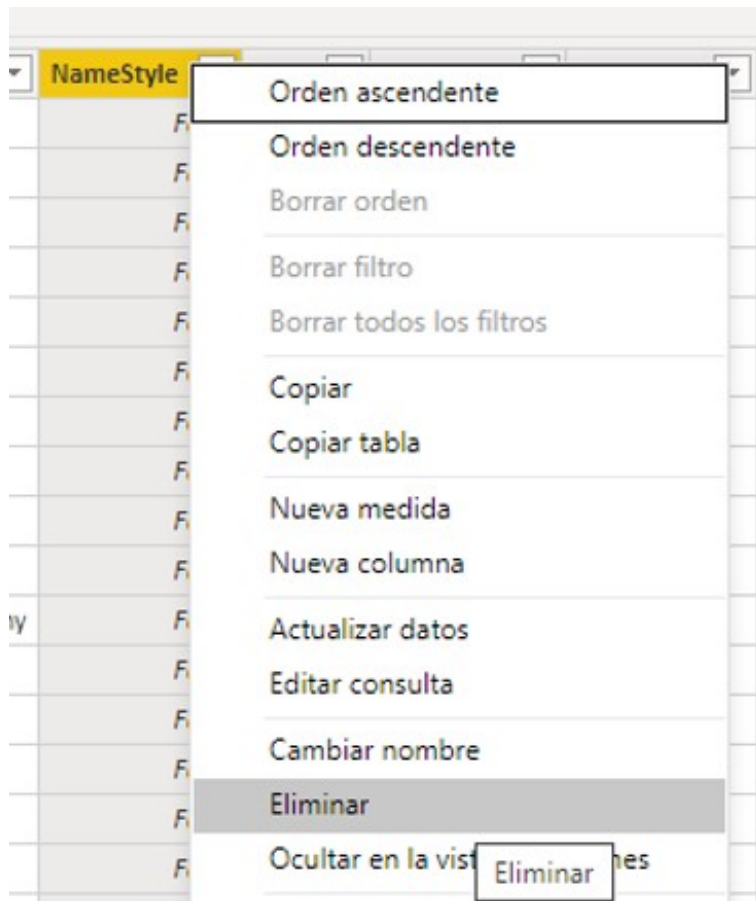
6. Right-click the NameStyle column, and click Delete.



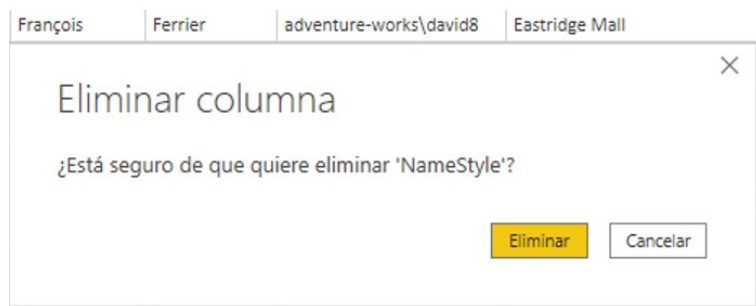
A screenshot of a data table with multiple columns. The 'NameStyle' column is highlighted. The table contains 15 rows of data with columns: CustomerID, CompanyName, NameStyle, Title, FirstName, LastName, SalesPerson, AddressLine1, AddressLine2, City, and StateProvince.

CustomerID	CompanyName	NameStyle	Title	FirstName	LastName	SalesPerson	AddressLine1	AddressLine2	City	StateProvince
29492	Valley Bicycle Specialists	Foile	Mr.	Jay	Adams	adventure-works\jilland	Blue Ridge Mall		Kansas City	Missouri
29496	Fun Toys and Bikes	Foile	Mr.	Robert	Antiering	adventure-works\jilland	6500 East Grant Road		Tucson	Arizona
29497	Great Bikes	Foile	Mr.	Francis	Ferrier	adventure-works\jilland	Eastridge Mall		Casper	Wyoming
29502	Major Sport Suppliers	Foile	Mr.	Paul	Alcorn	adventure-works\jilland	White Mountain Mall		Rock Springs	Wyoming
29506	Systematic Sales	Foile	Mr.	Sean	Jacobson	adventure-works\jilland	2551 East Warner Road		Gilbert	Arizona
29508	Mountain Toy Store	Foile	Mr.	Marvin	Allen	adventure-works\jilland	First Colony Mall		Sugar Land	Texas
29512	Bold Bike Accessories	Foile	Mr.	Oscar	Alquerto	adventure-works\linda3	Rocky Mountain Pines Outlet		Loveland	Colorado
29522	Brightwork Company	Foile	Mr.	Tom	Johnson	adventure-works\jilland	Belt Factory Outlet		Las Vegas	Nevada
29522	Resale Services	Foile	Mr.	Thomas	Armstrong	adventure-works\linda3	Fox Hills		Culver City	California
29523	The Gear Store	Foile	Mr.	John	Arthur	adventure-works\jilland	2345 North Freeway		Houston	Texas
29524	Immense Manufacturing Company	Foile	Mr.	Chris	Ashton	adventure-works\jilland	70 N.W. Plaza		Saint Ann	Missouri
29528	Work and Play Association	Foile	Mr.	Stephen	Ayers	adventure-works\michael9	2533 Eureka Rd.		Southgate	Michigan
29532	Remarkable Bike Store	Foile	Mr.	Cory	Booth	adventure-works\linda3	Eastern Beltway Center		Las Vegas	Nevada

7. In the Delete Column dialog box, click Delete.



8. Repetir el paso 6 y 7 para la columna SalesPerson.

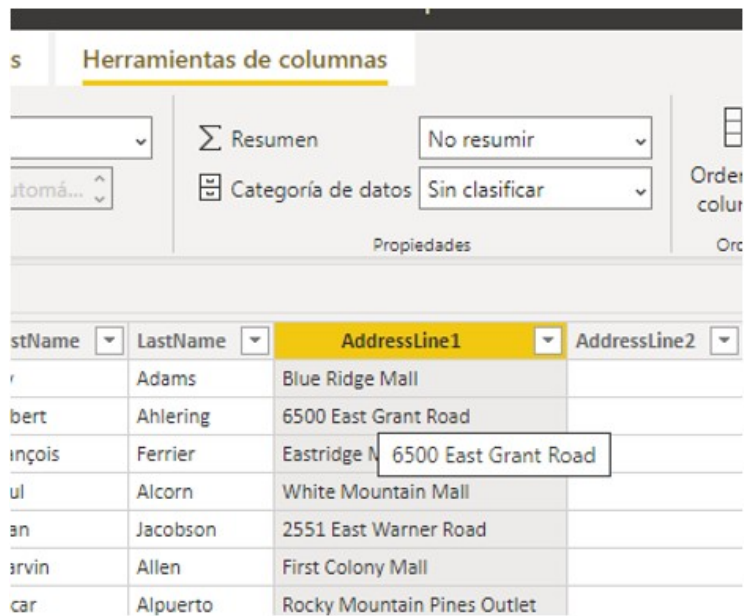


9. Right-click the CustomerID column, and then click Hide in Report View.

<div> ✕ ✓ </div>				
CustomerID	CompanyName	Title	FirstNam	
29492	Valley Bicycle Specialists	Mr.	Jay	
29496	Fun Toys and Bikes	Mr.	Robert	
29497	Great Bikes	Mr.	François	
29502	Major Sport Suppliers	Mr.	Paul	
29506	Systematic Sales	Mr.	Sean	
29508	Mountain Toy Store	Mr.	Marvin	
29511	Bold Bike Accessories	Mr.	Oscar	
29521	Brightwork Company	Mr.	Tom	
29522	Resale Services	Mr.	Thomas	
29523	The Gear Store	Mr.	John	
29524	Immense Manufacturing Company	Mr.	Chris	

10. Click the AddressLine1 column header.

11. On the Modeling ribbon, in the Properties group, click Data Category: Uncategorized, and then click Address.



12. Click the City column header.
13. On the Modeling ribbon, in the Properties group, click Data Category: Uncategorized, and then click City.

Σ

Resumen

No resumir

▼

☰

Categoría de datos

Sin clasificar

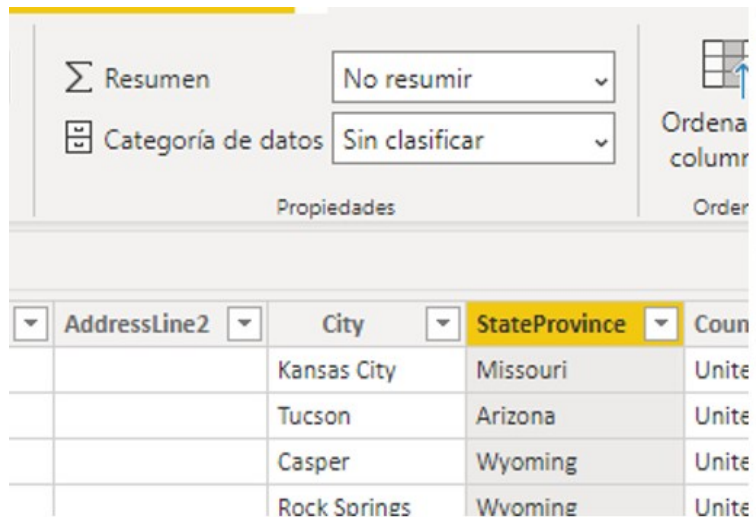
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Propiedades

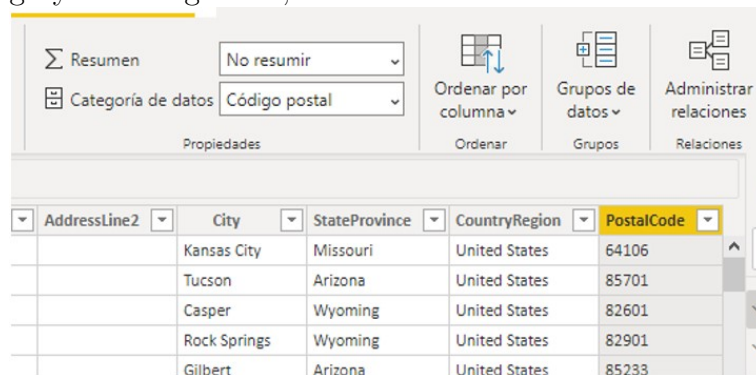
▼	AddressLine2	▼	City	▼	StateProvince	▼
			Kansas City		Missouri	
			Tucson		Arizona	
			Casper		Wyoming	
			Rock Springs		Wyoming	
			Gilbert		Arizona	
			Sugar Land		Texas	
t			Loveland		Colorado	
			Las Vegas		Nevada	

14. Click the StateProvince column header.

15. On the Modeling ribbon, in the Properties group, click Data Category: Uncategorized, and then click State or Province.



16. Click en el encabezado de columna CountryRegion.
17. On the Modeling ribbon, in the Properties group, click Data Category: Uncategorized, and then click Country/Region.
18. Click en el encabezado de columna PostalCode.
19. On the Modeling ribbon, in the Properties group, click Data Category: Uncategorized, and then click Postal Code.



20. On the Modeling ribbon, in the Calculations group, click New Column, and then in the formula bar, type the following expression and press Enter:



21. In the Fields pane, click Sales.

22. Right-click the RevisionNumber column, and click Delete.

	AddressLine1	AddressLine2	City	StateProvince	CountryRegion	PostalCode	FullAddress
id1			Kansas City	Missouri	United States	64106	Blue Ridge Mall, Kansas City, Missouri, United States, 64106
oad			Tucson	Arizona	United States	85701	6500 East Grant Road, Tucson, Arizona, United States, 85701
			Casper	Wyoming	United States	82601	Eastridge Mall, Casper, Wyoming, United States, 82601
Mail			Rock Springs	Wyoming	United States	82901	White Mountain Mall, Rock Springs, Wyoming, United States,
Road			Gilbert	Arizona	United States	85239	2551 East Warner Road, Gilbert, Arizona, United States, 85239
			Sugar Land	Texas	United States	77478	First Colony Mall, Sugar Land, Texas, United States, 77478
Tines Outlet			Loveland	Colorado	United States	80537	Rocky Mountain Fitness Outlet, Loveland, Colorado, United States,
er			Lac Umbec	Nova Scotia	United States	80106	Rocky Mountain Fitness Outlet, Loveland, Colorado, United States,

23. In the Delete Column dialog box, click Delete.

24. Realizar el paso 23 y 34 para la columna SalesOrderNumber.

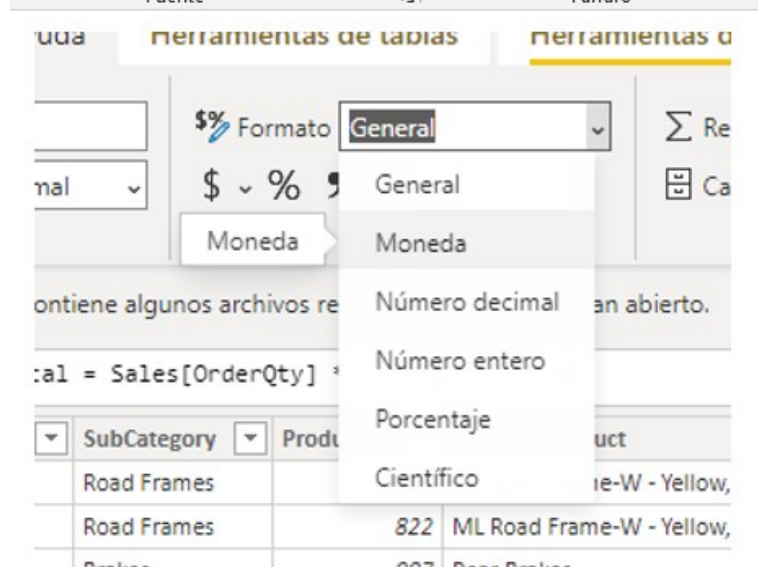
25. Right-click the CustomerID column, and then click Hide in Report View. 26. Realizar el paso 26 para las columnas SalesOrderID y SalesOrderDetailID.

27. On the Modeling ribbon, in the Calculations group, click New Column, and then in the formula bar, type the following expression and press Enter:



28. Click the LineTotal column header.

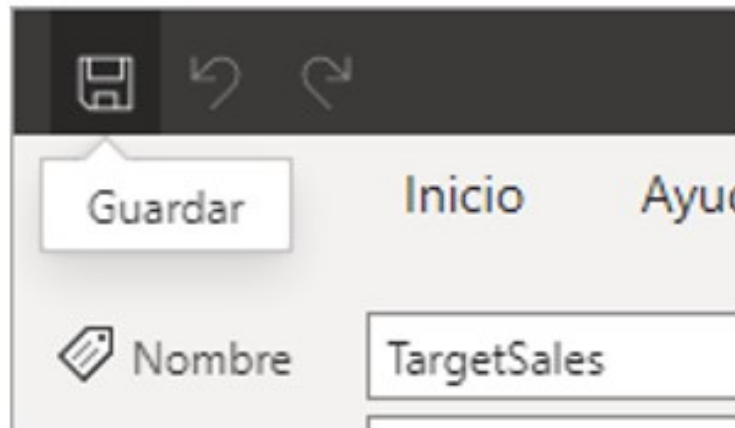
29. On the Modeling ribbon, in the Formatting group, click Format: General, point to Currency, and then click English (United States).



30. On the Modeling ribbon, in the Calculations group, click New Measure, and then in the formula bar, type the following expression and press Enter.

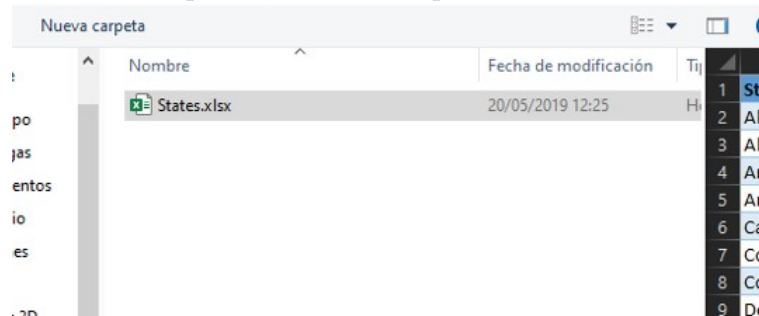
31. Click Save, and then leave Power BI Desktop open for the next task. On the Home ribbon, click Reduce Rows, click Remove Rows, and then click Remove Bottom Rows.

13. In the Remove Bottom Rows dialog box, in the Number of rows box, type 26, and then click OK.

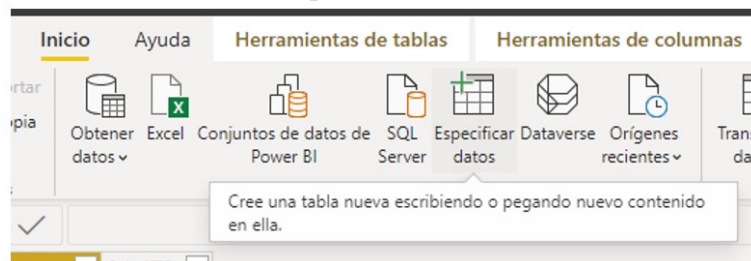


Tarea 3: Combinar Data

1. In File Explorer, and then open the States.xlsx file.



2. In the States worksheet, select all of the values in the two columns, and then press Ctrl+C.
3. In Power BI Desktop, on the Home ribbon, click Enter Data.



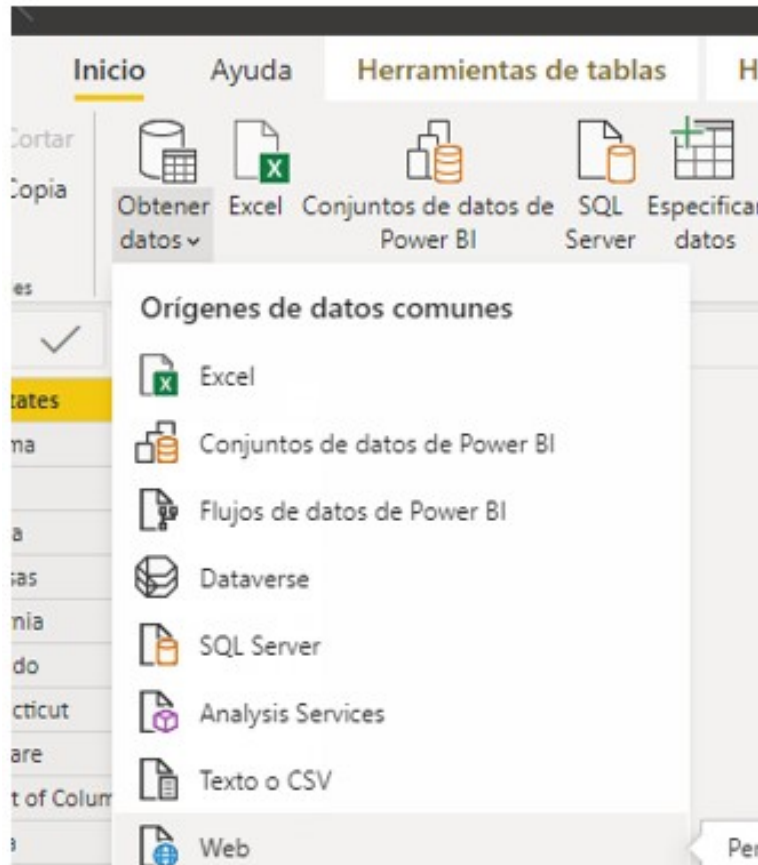
4. In the Create Table dialog box, click in the table, and then press Ctrl+V. Power BI detects that the first row is a column header.
5. In the Name box, type Sales by State, and then click Load.

Crear tabla

	States	SalesYTD	*
1	Alabama	0	
2	Alaska	0	
3	Arizona	0	
4	Arkansas	0	
5	California	444120,48	
6	Colorado	17641,75	
7	Connecticut	0	
8	Delaware	0	
9	District of Colu...	0	
10	Florida	0	
11	Georgia	0	
12	Hawaii	0	
13	Idaho	0	
14	Illinois	0	
15	Indiana	0	
16	Iowa	0	
17	Kansas	0	
18	Kentucky	0	
19	Louisiana	0	
20	Maine	0	
21	Maryland	0	
22	Massachusetts	0	
23	Michigan	0	
24	Minnesota	0	
25	Mississippi	0	
26	Missouri	0	
27	Montana	0	
28	Nebraska	0	
29	Nevada	0	
30	New Hampshire	0	
31	New Jersey	0	
32	New Mexico	0	
33	New York	0	
34	North Carolina	0	
35	North Dakota	0	
36	Ohio	0	
37	Oklahoma	0	
38	Oregon	0	
39	Pennsylvania	0	
40	Rhode Island	0	
41	South Carolina	0	
42	South Dakota	0	
43	Tennessee	0	
44	Texas	0	
45	Utah	0	
46	Vermont	0	
47	Virginia	0	
48	Washington	0	
49	West Virginia	0	
50	Wisconsin	0	
51	Wyoming	0	

Nombre: Ventas por estado

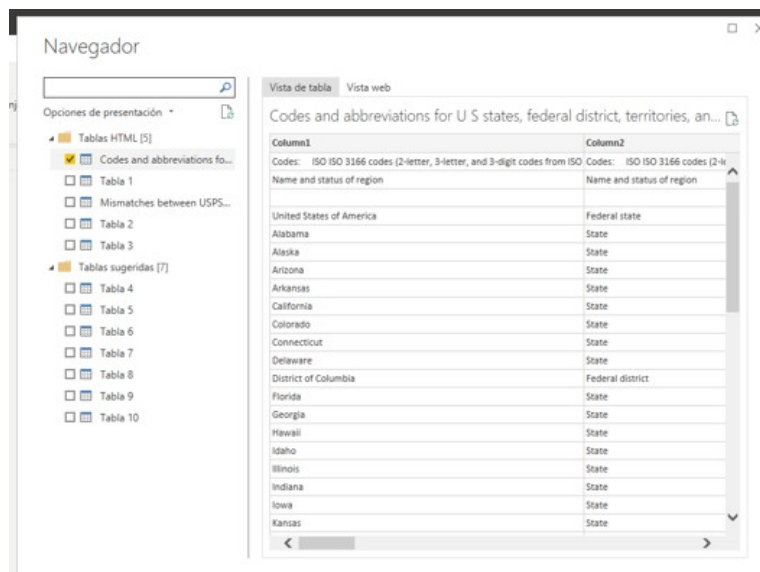
6. On the Home ribbon, click Get Data, and then click Web. Pág. 3



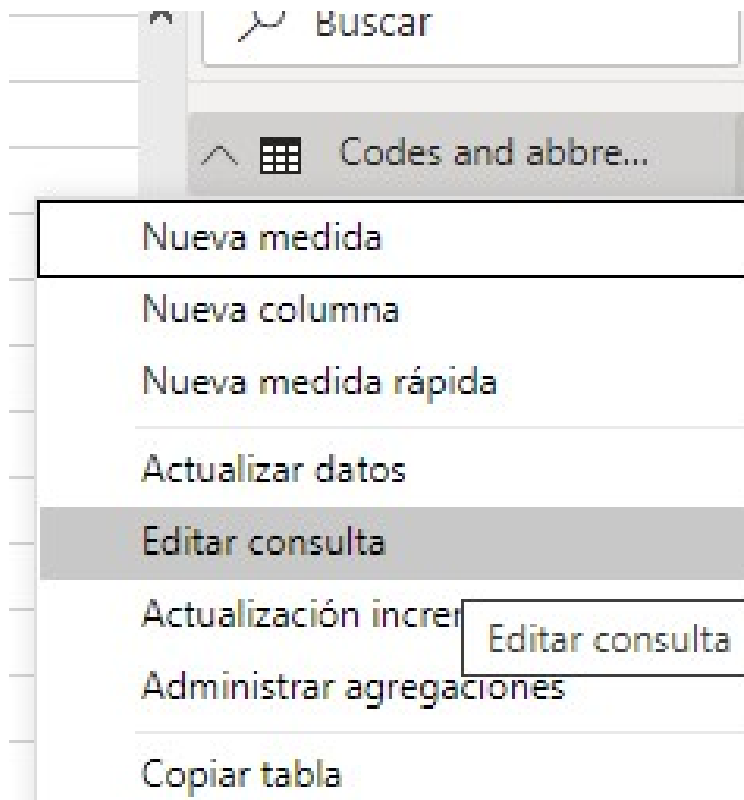
7. In the From Web dialog box, in the URL box, type

8. In the Navigator dialog box, select Codes and abbreviations for U.S. states, territories and other regions, and then click Load.

9. In the Fields pane, click Codes and abbreviations for U.S. states, territories and other regions to display the data. The table has 26 rows at the bottom that are not needed.

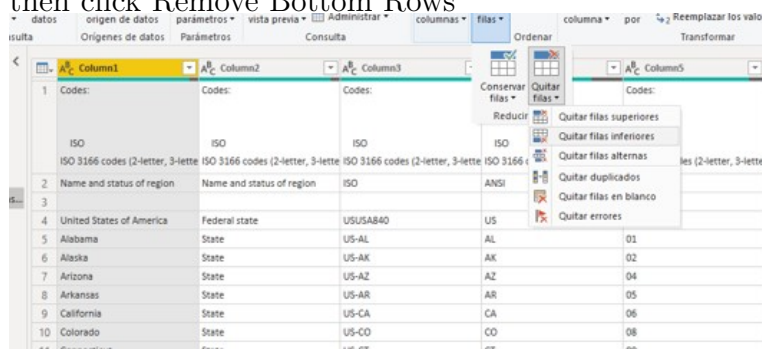


10. On the Home ribbon, in the External Data group, click Edit Queries, then click Edit Queries.



11. In Query Editor, in the Queries pane, click Codes and abbreviations for U.S. states, territories and other regions.

12. On the Home ribbon, click Reduce Rows, click Remove Rows, and then click Remove Bottom Rows



14. Click the ANSI2 column header, and then hold down the Ctrl key while selecting all of the columns to the right. This selects multiple

ROWS.

	Column2	Column3	Column4	Column5	Column6	Column7
1	Codes:	Codes:	Codes:	Codes:	Codes:	Codes:
2	ISO	ISO	ISO	ISO	ISO	ISO
3	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)
4	Name and status of region	ISO	ANSI	ANSI	USPS	USCG
5	Federal state	USUSAB40	US	00	AL	U.S.
6	State	US-AL	AL	01	AL	Ala.
7	State	US-AK	AK	02	AK	Alaska
8	State	US-AZ	AZ	04	AZ	Ariz.
9	State	US-AR	AR	05	AR	Ark.
10	State	US-CA	CA	06	CA	Calif.
11	State	US-CO	CO	08	CO	Colo.
12	State	US-CT	CT	09	CT	Conn.
13	State	US-DE	DE	10	DE	Del.
14	State	US-DC	DC	11	DC	D.C.
15	State	US-FL	FL	12	FL	Fla.

15. Still holding down Ctrl, click the Name and status of region2 and Header columns to include this in the selection.

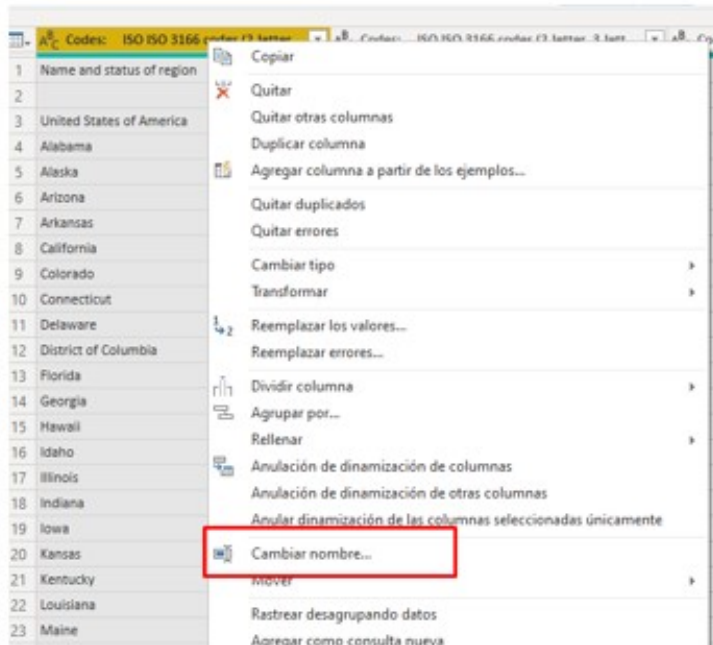
16. On the Home ribbon, click Manage Columns, click Remove Columns, and then click Remove Columns.

	Column2	Column3	Column4	Column5	Column6	Column7
1	Codes:	Codes:	Codes:	Codes:	Codes:	Codes:
2	ISO	ISO	ISO	ISO	ISO	ISO
3	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)	ISO 3166 codes (2-letter, 3-letter)
4	Name and status of region	ISO	ANSI	ANSI	USPS	USCG

17. In the Query Settings pane, under Properties, in the Name box, type States with Codes, and then press Enter.

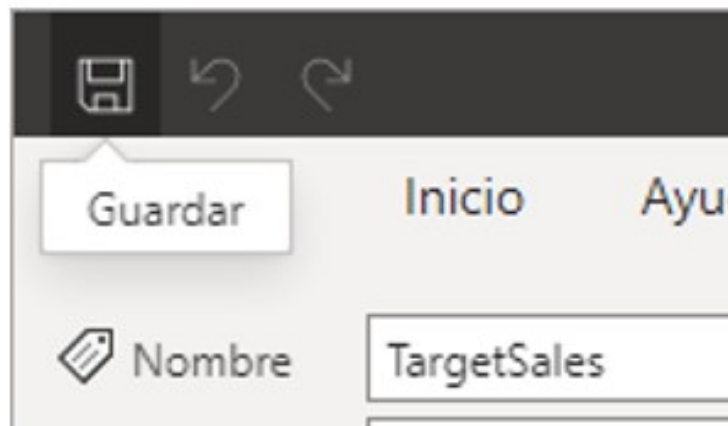
18. On the Home ribbon, in the Transform group, click Use First Row as Headers.

19. Right-click the United States of America column header, click Rename, type State Name, and then press Enter.



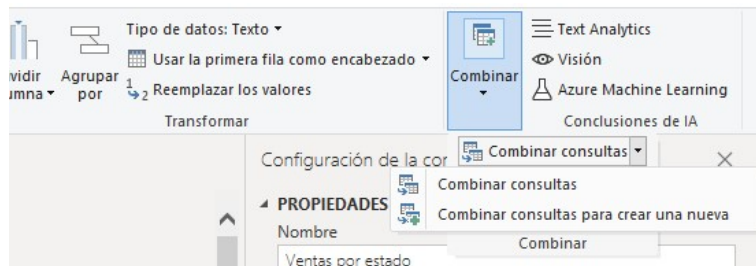
20. Right-click the US USA 840 column header, click Rename, type State Code Long, and then press Enter.

21. Right-click the US column header, click Rename, type State Code Short, and then press Enter.



22. In the Queries pane, click Sales by State.

23. On the Home ribbon, click Combine, and then click Merge Queries.



24. In the Merge dialog box, in the Sales by State table, click the States column.

25. In the list, click States with Codes, click the State Name column, and then click OK. The new column is added to the table and contains the merged States with Codes table.

Combinar

Seleccione una tabla y las columnas coincidentes para crear una tabla combinada.

Ventas por estado

States	SalesYTD
Alabama	0
Alaska	0
Arizona	0
Arkansas	0
California	444120,48

Estados con códigos

Nombre del estado	Código de estado largo	Código de estado corto
United States of America	USUSAB40	US
Alabama	US-AL	AL
Alaska	US-AK	AK
Arizona	US-AZ	AZ
Arkansas	US-AR	AR

Tipo de combinación

Externa izquierda (todas de la primera, coincidencias...)

☐ Use las coincidencias aproximadas para comparar la combinación.

Opiones de coincidencia aproximada

✓ La selección coincide con 51 de 51 filas de la primera tabla.

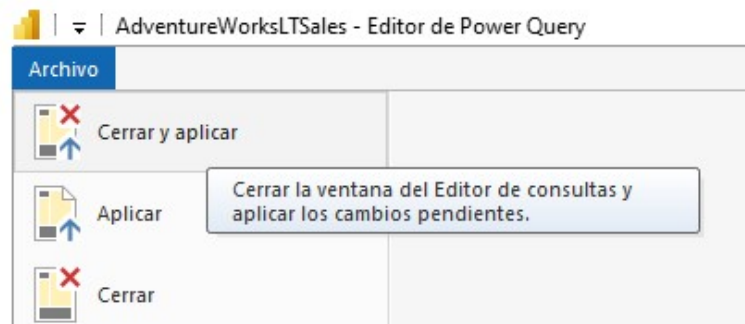
Aceptar Cancelar

26. In the column header, click the Expand icon, clear (Select All Columns), select State Code Short, and then click OK. The column now shows just the state codes.

ta Orígenes de datos Parámetros Consulta O		
	AB States	1.2 SalesYTD
1	Alabama	0
2	Alaska	0
3	Arizona	0
4	Arkansas	0
5	California	444120,48
6	Colorado	17641,75
7	Connecticut	0
8	Delaware	0
9	District of Columbia	0
10	Florida	0
11	Georgia	0
12	Hawaii	0
13	Idaho	0
14	Illinois	0

27. Right-click the column, click Rename, type State Code, and then press Enter.

28. On the File menu, click Close Apply.



29. In the Fields pane, right-click States with Codes, and then click Hide in Report View.



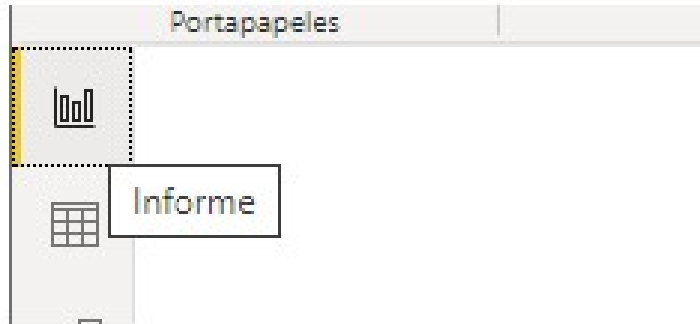
3.

4.

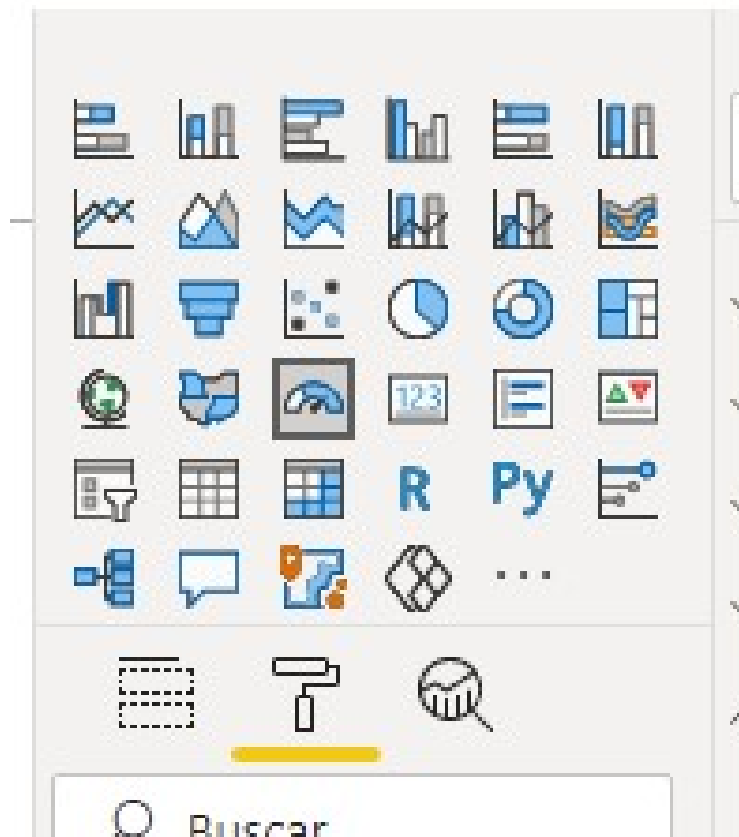
Ejercicio 2: Construyendo Reportes en Power BI

Tarea 1: Crear un Gráfico

1. En Power BI Desktop, en la barra derecha de navegación, hacer click en Reporte (Report).



2. En el panel de Visualizaciones (Visualizations), hacer click en Gauge.

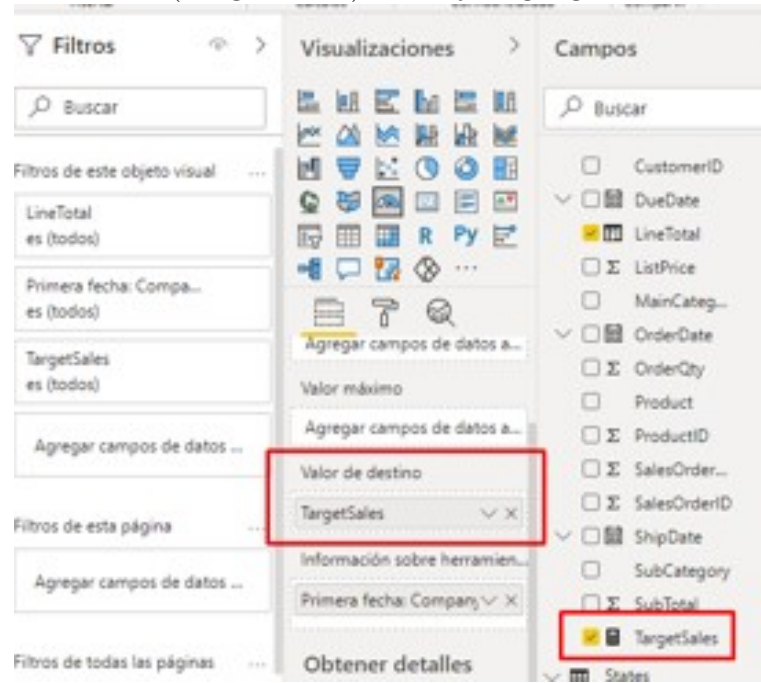


3. Arrastrar el campo LineTotal de la table Sales a la propiedad Valor (Value) del objeto gauge.



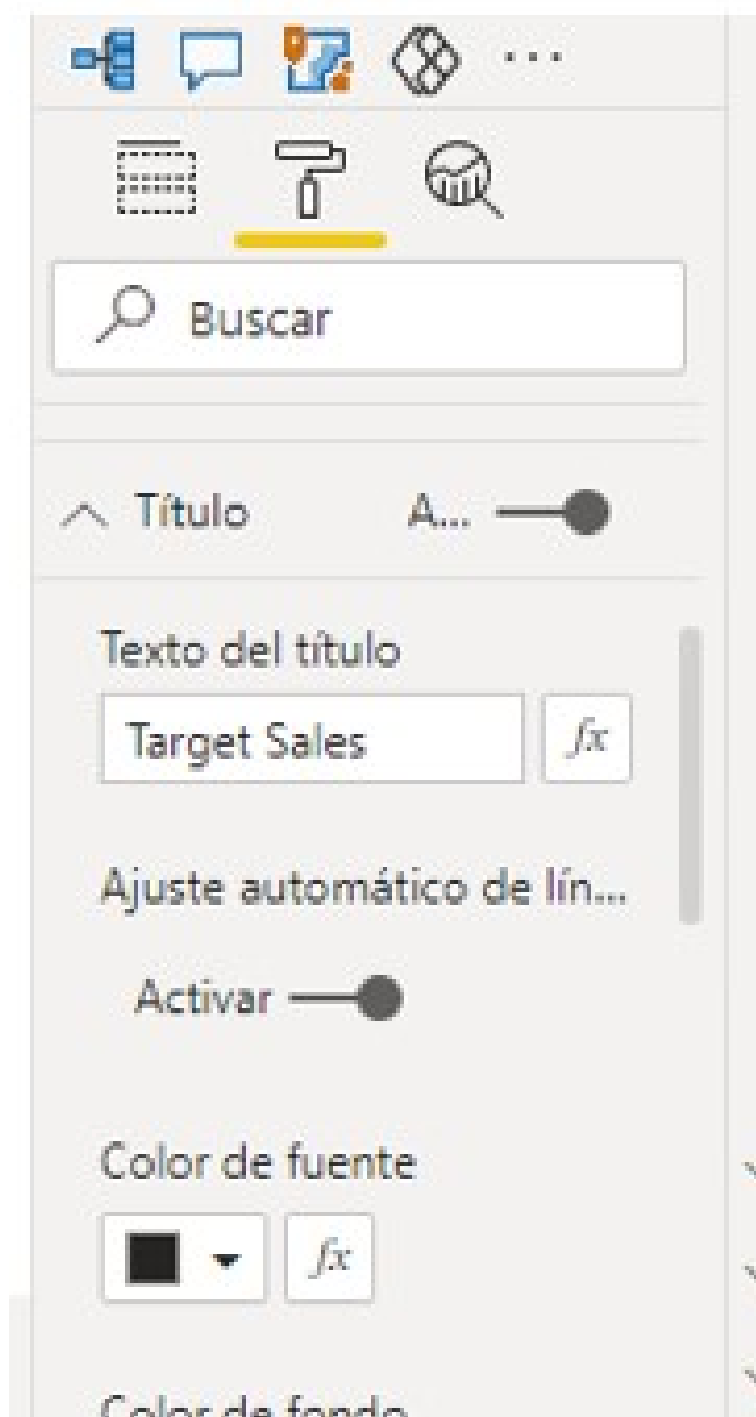
4. Arrastrar la medida TargetSales de la table Sales a la propiedad Va-

lor destino (Target value) del objeto gauge.



5. Hacer click Format, expandir Gauge axis, and then in the Max box, type 146000.

6. Expandir Titulo (Title), en el cuadro Texto de Titulo (Title Text), tipear Meta de Ventas (Target Sales), y luego hacer click en Center.

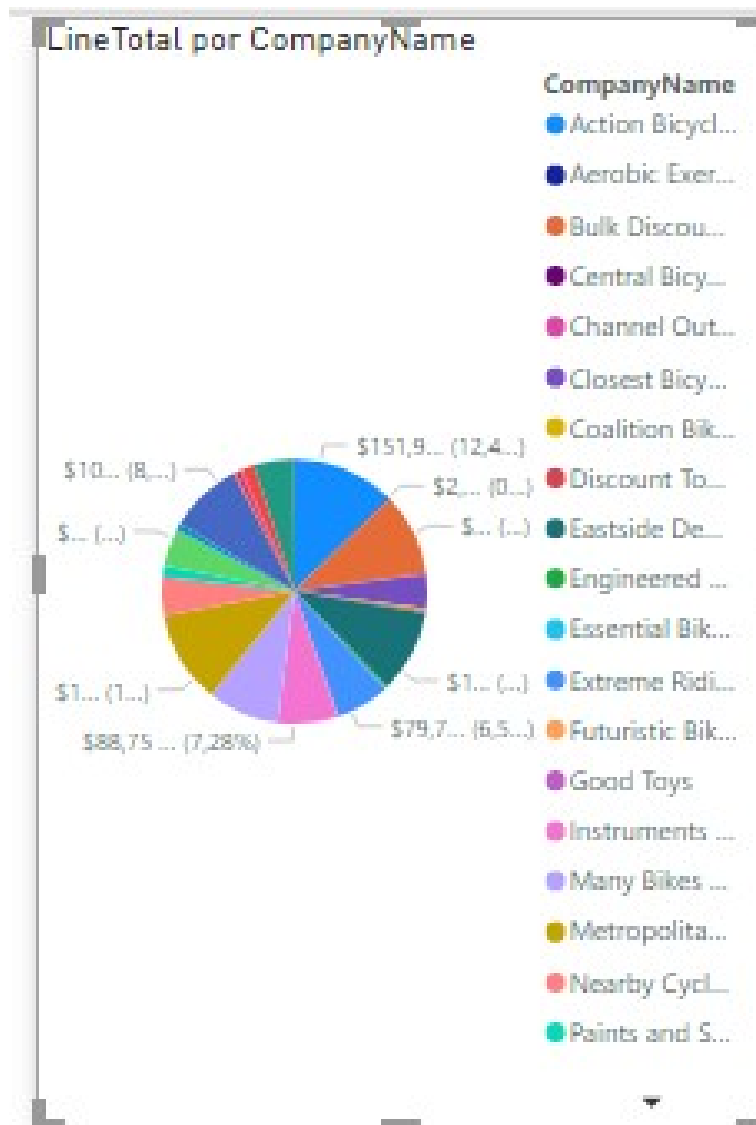


7. Click the report canvas, and then drag the CompanyName field from the Customers table onto the report. Power BI automatically creates a table.
8. Arrastar the LineTotal field from the Sales table onto the report.
9. Make sure that the table has focus, and then in the Visualizations pane, click Pie chart.

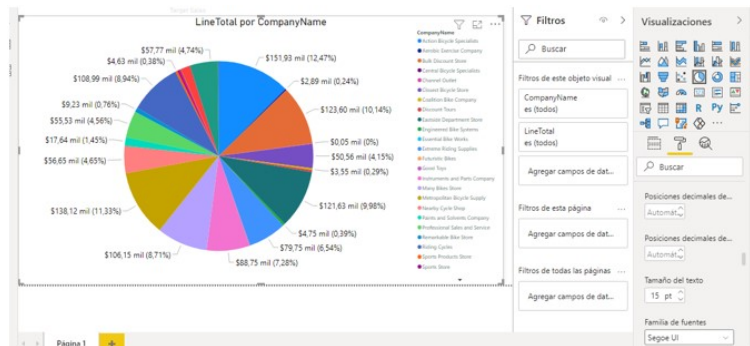
The screenshot shows the Power BI interface with a data table on the left and the Visualizations pane on the right. The table displays company names and their corresponding line totals. The Visualizations pane shows the 'Filtros' (Filters) section with 'CompanyName' and 'LineTotal' added as filters. The 'Visual' section shows a pie chart icon selected, and the 'Valores' (Values) section shows 'Compan' and 'LineTota' as values.

CompanyName	LineTotal
Action Bicycle Specialists	\$151,932.58
Aerobic Exercise Company	\$2,888.15
Bulk Discount Store	\$123,600.38
Central Bicycle Specialists	\$52.64
Channel Outlet	\$874.44
Closest Bicycle Store	\$50,559.01
Coalition Bike Company	\$3,545.67
Discount Tours	\$4,211.88
Eastside Department Store	\$121,625.43
Engineered Bike Systems	\$4,745.68
Essential Bike Works	\$62.93
Extreme Riding Supplies	\$79,746.71
Futuristic Bikes	\$368.76
Good Toys	\$1,189.66
Instruments and Parts Company	\$88,747.82
Many Bikes Store	\$106,151.57
Metropolitan Bicycle Supply	\$138,124.87
Nearby Cycle Shop	\$56,651.56
Paints and Solvents Company	\$17,641.75
Professional Sales and Service	\$55,533.31
Remarkable Bike Store	\$9,229.27
Riding Cycles	\$108,986.40
Sports Products Store	\$4,633.78
Sports Store	\$3,592.65
Tachometers and Accessories	\$2,854.91
Total	\$1,218,618.27

10. Expand the chart to make all of the company names visible by using the resizer handles on the edge of the chart.

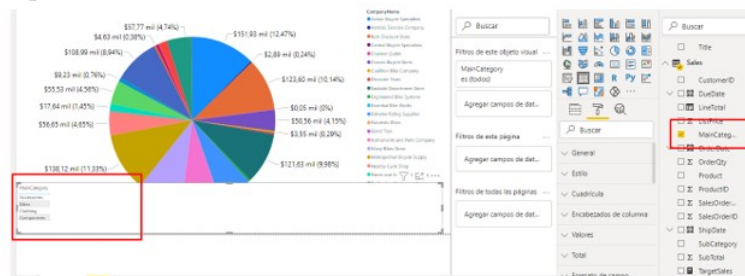


11. With the focus still on the pie chart, click Format, and then expand Title.



12. In the Title Text box, type Top Selling Customers, and then click Center.

13. Arrastar el campo MainCategory de la tabla Sales table onto the report canvas. Power BI creates a table.



14. Arrastar el campo OrderQty dentro de la tabla.

15. In the Visualizations pane, click Stacked bar chart.

16. In the Visualizations pane, click Fields.

17. Drag the OrderQty field onto the Color saturation property. Notice that the colors change.

18. In the Visualizations pane, click Analytics, expand Constant Line, and then click Add.

19. In the Value box, type 500.

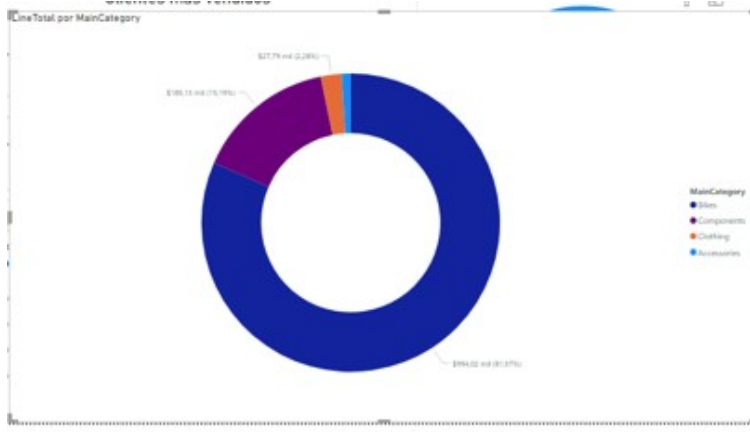
20. Change Color to red, toggle Data label to On, and then change the color to red.

21. In the Visualizations pane, click Format, and expand Title.

22. In the Title Text box, type Orders by Main Category, and then click Center.

23. Click the report canvas to give it focus, and then in the Visualizations pane, click Donut chart.

24. In the Sales table, select MainCategory and LineTotal.



25. In the Visualizations pane, click Format, and then expand Title.

26. In the Title Text box, type Sales by Main Category, and then click Center.

27. Drag the Product field from the Sales table onto the report canvas. Power BI creates a table.


28. Drag the LineTotal field from the Sales table onto the products table chart.



29. In the Sales table, select the MainCategory field.


30. In the Visualizations pane, click Fields.

31. In the Filters pane, expand LineTotal(All).

32. In the Show items when the value list, select is greater than, and then in the box below, type 32000.

 **Filtros**



Filtros de este objeto visual ...

LineTotal
es (todos)

Mostrar elementos cuando el
valor:

es menor que

32000

☒ Y ☐ O

33. Hacer click en Aplicar filtro (Apply filter).

34. Expand MainCategory(All), and then select Bikes.

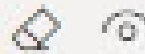
Filtros de este objeto visual ...

LineTotal

es menor que \$32....

MainCategory

es Bikes



Tipo de filtro ⓘ

Filtrado básico



Buscar



Seleccionar todo



Accessories

52



Bikes

200



Clothing

106



Components

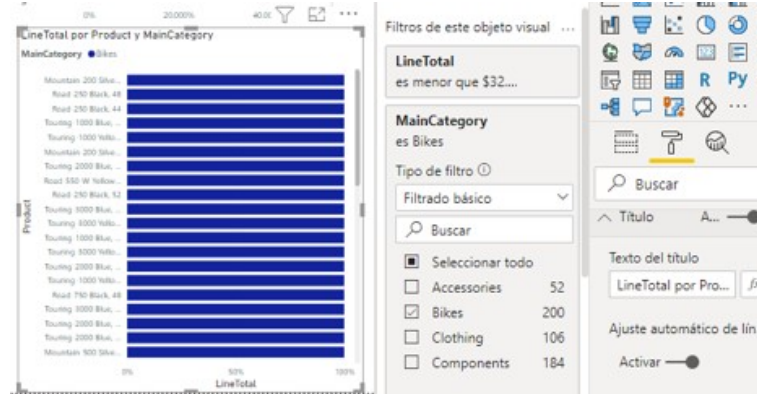
184



³⁸ Requerir selección única

35. In the Visualizations pane, click Stacked column chart.

36. In the Visualizations pane, click Format, and then expand Title.



37. In the Title Text box, type Top 10 Selling Bikes, and then click Center.

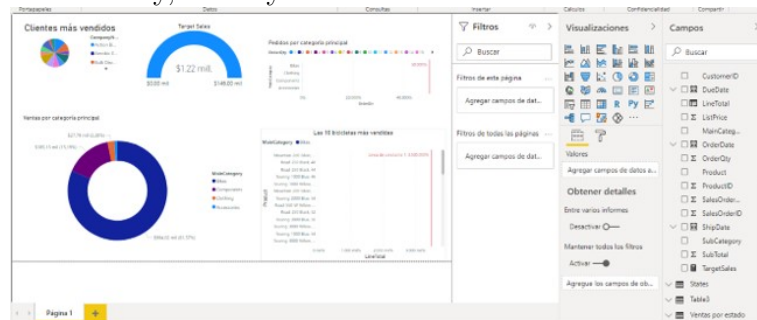
38. In the Visualizations pane, click Analytics, expand Constant Line, and then click Add.

39. In the Value box, type 35000, and then set Color to red.

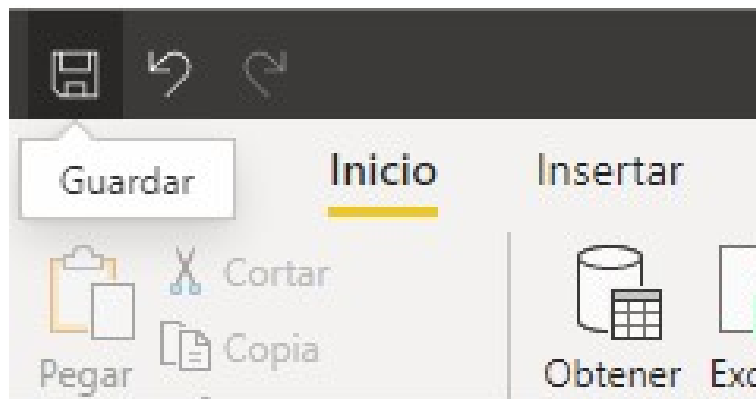
40. Toggle Data label to On, and then set Color to red.

41. Expand the chart to fill the remaining space on the report canvas.

If necessary, move your visuals around to make them fit. Pág. 5

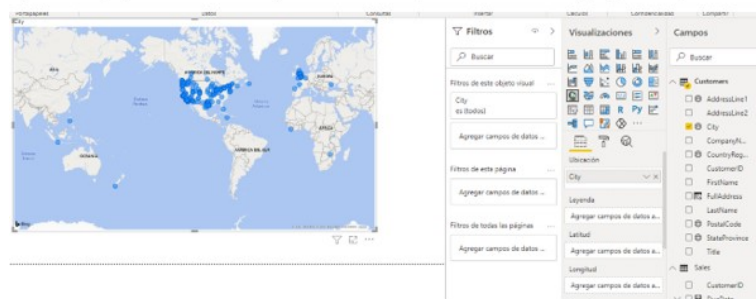


42. Click Save

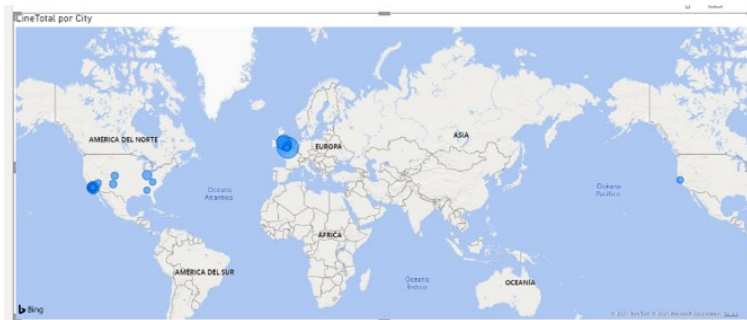


Tarea 2: Crear una Visualización de Mapa

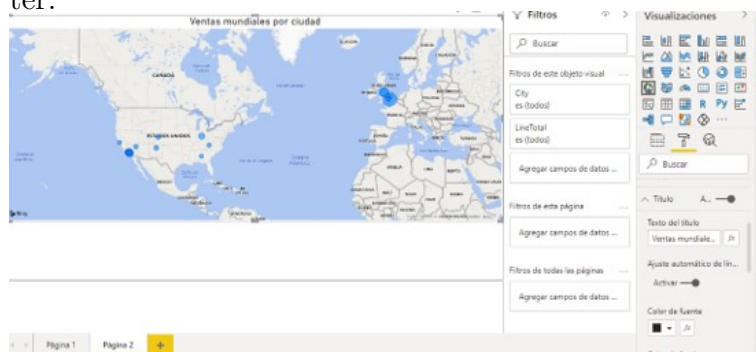
1. At the bottom of the report, click the + icon to add a new page.
2. In the Fields pane, in the Customers table, select the City field. Power BI adds a map to the report.



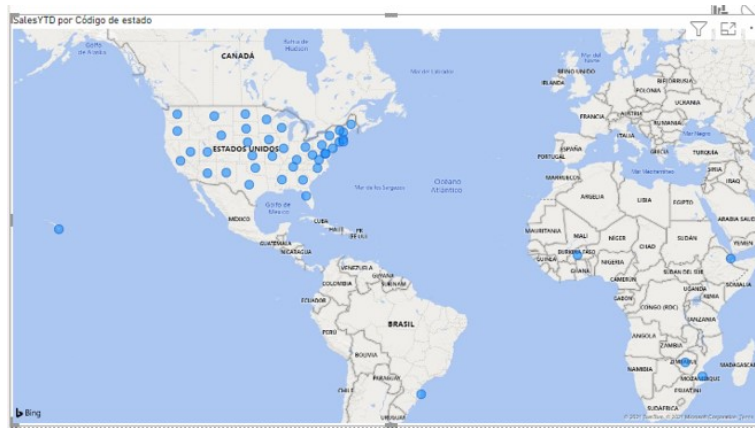
3. In the Fields pane, in the Sales table, select the LineTotal field.
4. Using the grabber tool on the right side of the chart, resize the map to show all of the bubbles.



5. Notice that the bubbles are proportionally sized to represent the data.
6. In the Visualizations pane, click Format, and then expand Title.
7. In the Title Text box, type World Sales by City, and then click Center.



8. Click the report canvas, and then in the Sales by State table, select the State Code column. Power BI automatically adds a map.
9. In the Sales by State table, select the SalesYTD column.
10. In the Visualizations pane, click Filled Map. Using the grabber tool on the right side and at the bottom of the chart, resize the map to show all the states.



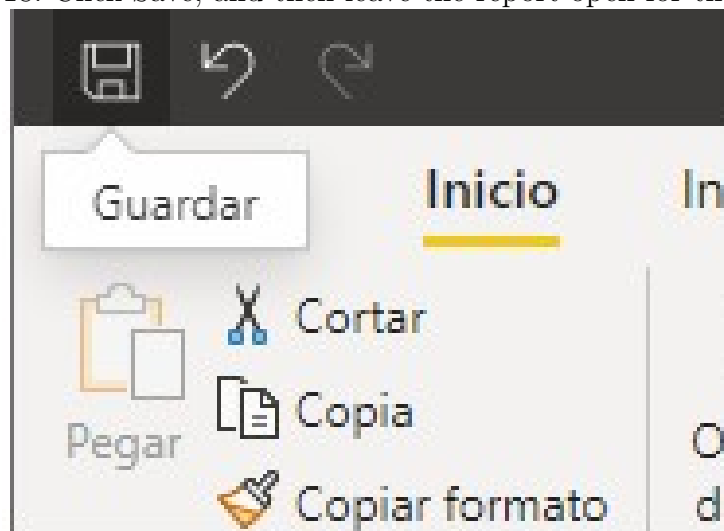
11. Notice that the sales cluster in one area.
12. Position the cursor on California(CA) to see the sales figure. The value has not been formatted as currency.



14. In the Sales by State table, click the SalesYTD column.
14. On the Modeling ribbon, select Format:General, click Currency, and then select English (United States).
15. Position the cursor on California(CA) on the map, and notice that the value has been formatted.



16. In the Visualizations pane, click Format, and then expand Title.
17. In the Title Text box, type Sales by State, and then click Center.
18. Click Save, and then leave the report open for the next exercise



5.

6.

Conclusiones

- Se realizaron 2 ejercicios con Power BI con éxito, se aprendió a usar la herramienta para el análisis de datos y también un poco de visualización

]