

Introducción a Tableau

MSc. Evelyn Valenzano
Data Scientist – AI Developer



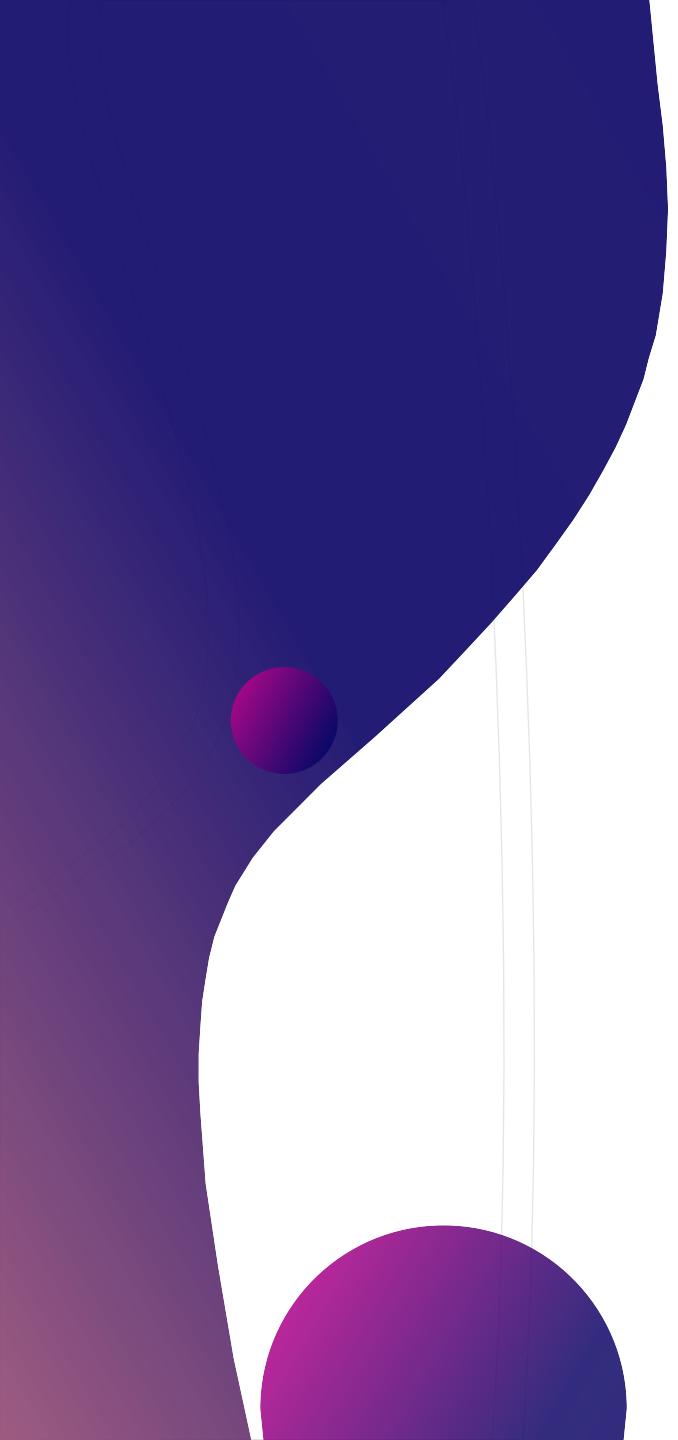
Evelyn Valenzano

- Científica de Datos y Desarrolladora AI-ML
- Master en Visual Analytics and Big Data
- Especialista en IA y Big Data
- Especialista en AI Engineering
- Docente de Inteligencia Artificial en el Centro de Innovación TIC



¿Qué es Tableau?

- **Herramienta de visualización de datos.**
- **Gran capacidad para procesar datos y generar visualizaciones en muy poco tiempo.**
- **Permite el formateo y la organización de datos antes de generar las visualizaciones.**



¿Qué es Tableau?

- **Tableau Desktop**
- **Tableau Public (este utilizaremos)**
- **Tableau Online**
- **Tableau Server**

Instalando Tableau

- Link para la descarga:
<https://www.tableau.com/products/public/download>
- Pide que se registren para descargar



You'll be exploring in minutes

Connect to the data that matters most to you with Tableau's intuitive drag-and-drop interface to effortlessly create interactive graphs, stunning maps, and live dashboards in minutes. Save your work to your local desktop or publish your viz to your Tableau Public profile. Anyone can do it, it's that easy—and it's free.

Almost there!

It only takes 15 seconds to fill out. If you're already registered, [sign in](#).

Instalando Tableau

Public

Create ▾

Learn ▾

Register now for Tableau Conference 2025 →

Learn

Explore how-to videos, sample data, and community resources to help you get started or to take your skills to the next level.

How-To Videos

Sample Data

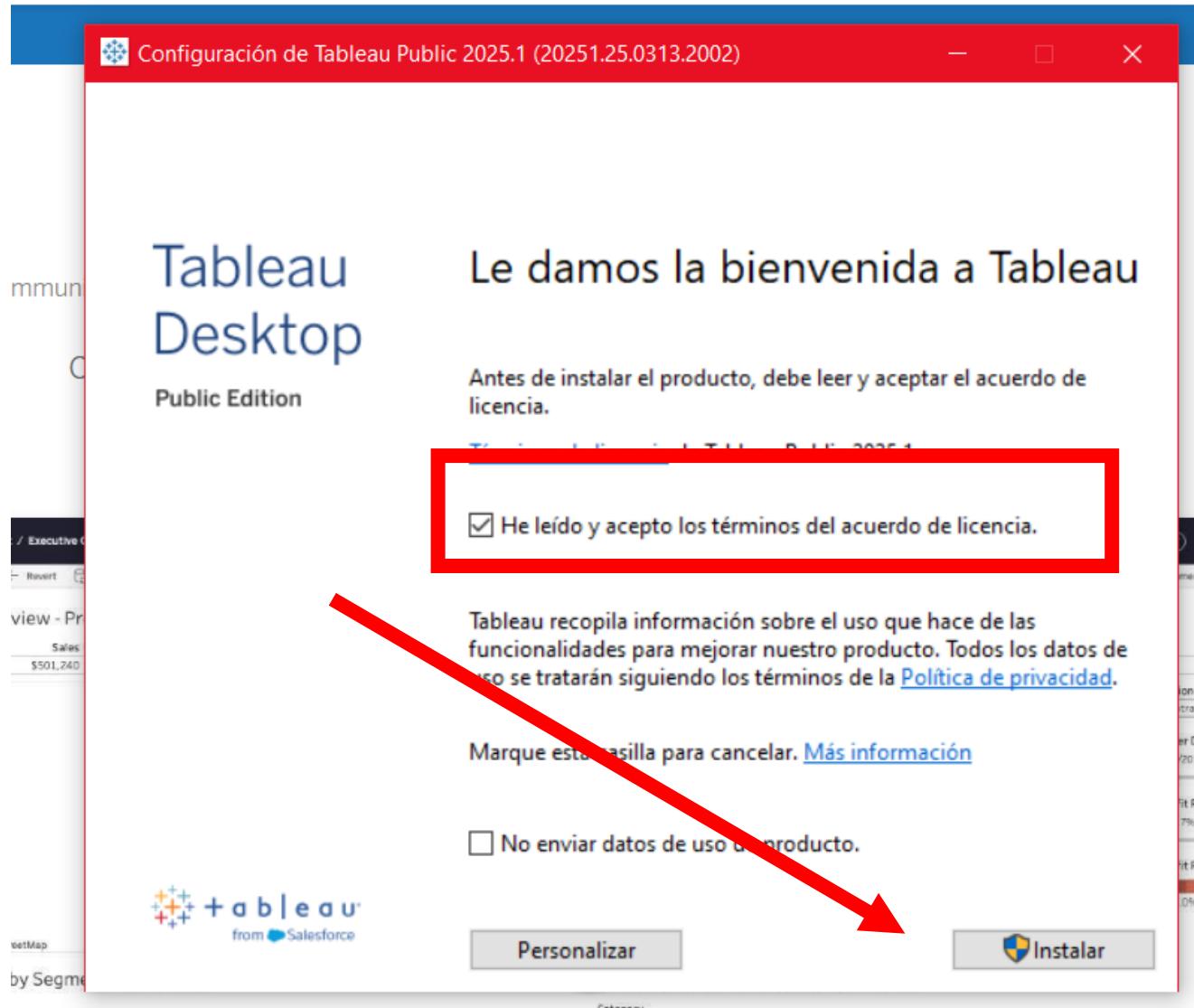
Community Resources



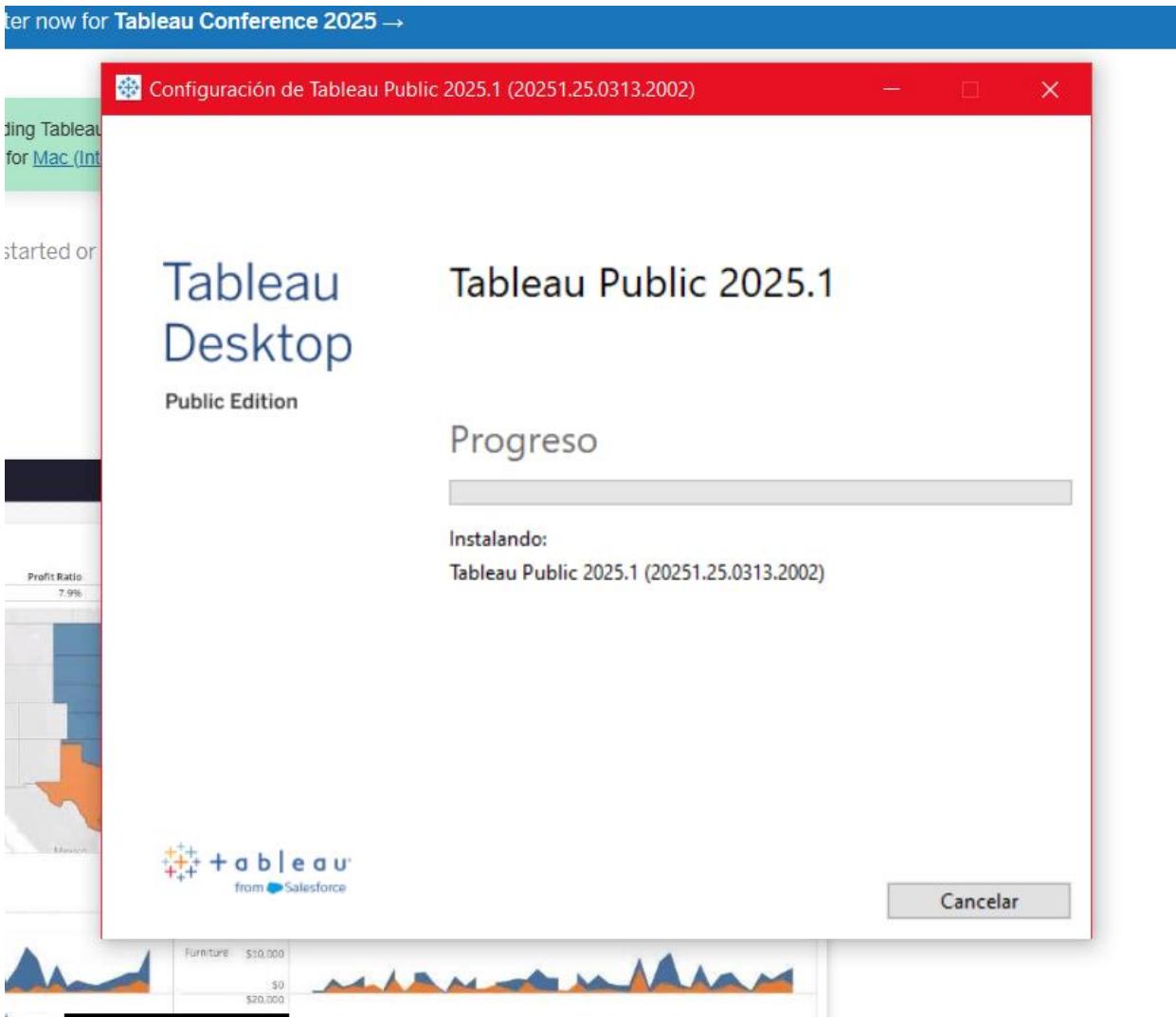
Thank you for downloading Tableau Desktop Public Edition. If your download doesn't begin automatically, try again for [Mac \(Intel\)](#), [Mac \(Apple silicon\)](#) or [Windows](#).



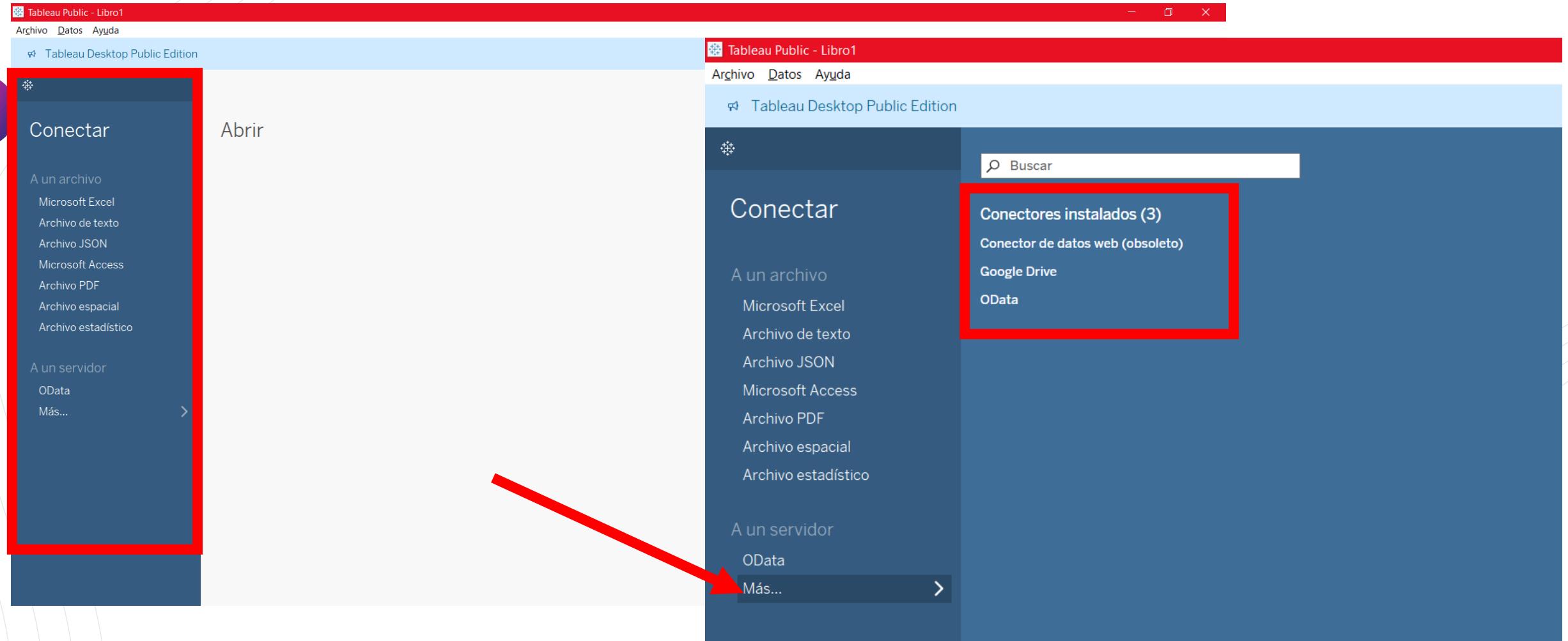
Instalando Tableau



Instalando Tableau



Iniciando con Tableau



Descargar conectores

<https://www.tableau.com/es-es/support>



Fuente de datos

Databricks

Sistema operativo

Windows

Databricks

Tableau Desktop, Tableau Server: 2019.3 - 2025.1

Siga estos pasos para instalar el controlador para Databricks en un equipo Windows:

1. Descargue el controlador de ODBC versión 2.6.4 o posterior para su entorno desde el sitio web de [Databricks](#).
2. Siga las [instrucciones de instalación](#) en el sitio web de Databricks.

Conociendo Tableau

The screenshot shows the Tableau Desktop Public Edition interface. The top navigation bar includes options like Archivo, Datos, Hoja de trabajo, Dashboard, Historia, Análisis, Mapa, Formato, Servidor, Ventana, and Ayuda. A banner at the top right says "Adquirir Tableau". The left sidebar has sections for Datos, Análisis, Páginas, Filtros, and Marcas. The main workspace is titled "Hoja 1" and contains three placeholder text fields: "Soltar un campo aquí" (top right), "Soltar un campo aquí" (middle right), and "Soltar un campo aquí" (bottom left). To the right of the workspace is a "Mostrarme" panel displaying various chart and map types, and a "Conectar a datos" section. The bottom navigation bar includes buttons for Fuente de datos, Hoja 1, and other dashboard tabs.

Conociendo Tableau

The screenshot shows the 'Connect' interface in Tableau. On the left, there's a sidebar with a navigation menu:

- Conectarse**
- A un archivo
 - Microsoft Excel
 - Archivo de texto (arrow pointing to it)
 - Archivo JSON
 - Microsoft Access
 - Archivo PDF
 - Archivo espacial
 - Archivo estadístico
- A un servidor
 - OData
 - Más... >

The main pane displays a search bar at the top and a list of installed connectors:

- Conectores instalados (3)
 - Coneector de datos web (obsoleto)
 - Google Drive
 - OData

Análisis de Datos

Tableau Public - Libro1

Archivo Datos Ventana Ayuda

Tableau Desktop Public Edition

ObesityDataSet_raw_and_data_sinthetic

Filtros 0 | Añadir

Conexiones Añadir

ObesityDataSet_raw_and_data_sinthetic Archivo de texto

Archivos

Usar el intérprete de datos
Puede que el intérprete de datos no esté disponible para limpiar su libro de trabajo Archivo de texto.

ObesityDataSet_raw_and_data_sinthetic.csv

Nueva unión de filas

Nueva extensión de tabla

Nombre

ObesityDataSet_raw_and_data_sinthetic.csv

Campos

Tipo	Nombre de campo	Tabl...	Nom...
Abc	Gender,Age,Height,Weight,fami	Obesit...	Gende...
Abc	History	Obesit...	history
Abc	With	Obesit...	with
Abc	overweight,FAVC,FCVC,NCP,CA	Obesit...	overw...

Ir a la hoja de trabajo

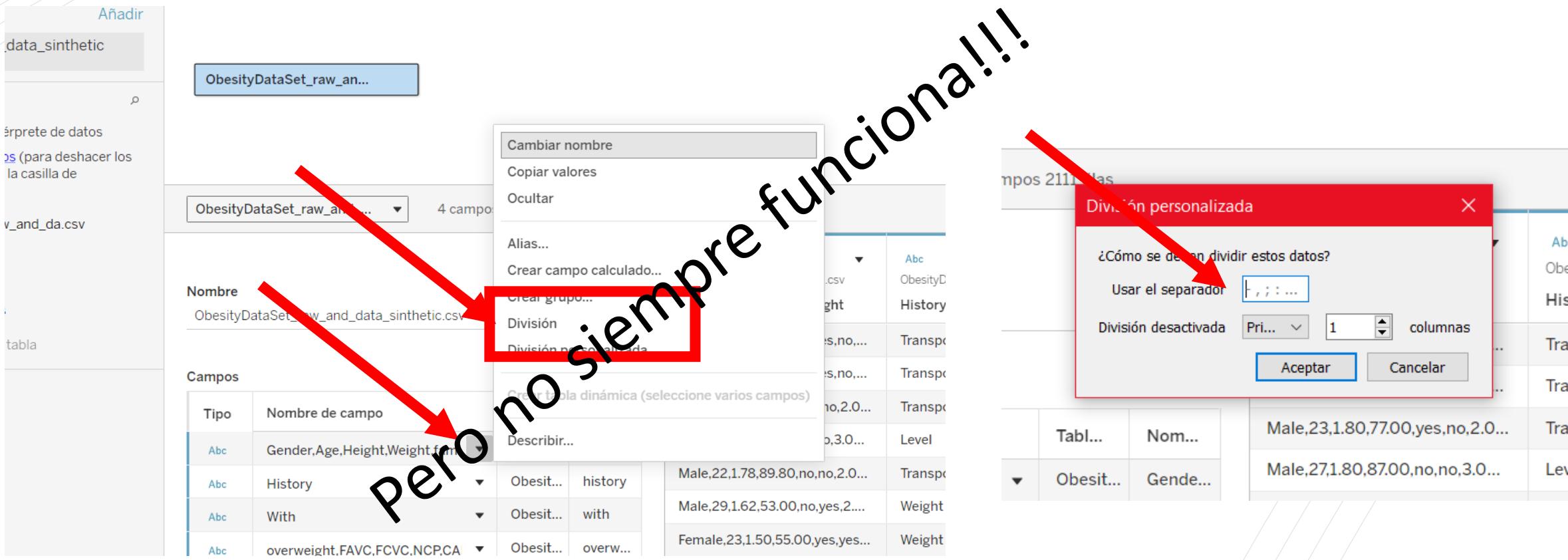
ObesityDataSet_raw_and_data_sinthetic

4 campos 2111 filas

100 filas

Abc	Abc	Abc
Gender,Age,Height,Weight	History	With
Female,21,1.62,64.00,yes,no,...	transportation,Normal	Weight
Female,21,1.52,56.00,yes,no,...	transportation,Normal	Weight
Male,23,1.80,77.00,yes,no,2.0...	transportation,Normal	Weight
Male,27,1.80,87.00,no,no,3.0...	level	I
Male,22,1.78,89.80,no,no,2.0...	transportation,Overweight	II
Male,29,1.62,53.00,no,yes,2....	Weight	III
Female,23,1.50,55.00,yes,yes...	Weight	IV
Male,22,1.64,53.00,no,no,2.0...	Transportation,Normal	V
Male,24,1.78,64.00,yes,yes,3....	Transportation,Normal	VI
Male,22,1.72,68.00,yes,yes,2....	Transportation,Normal	VII
Male,26,1.85,105.00,yes,yes...	Transportation,Obesity	VIII

Análisis de Datos

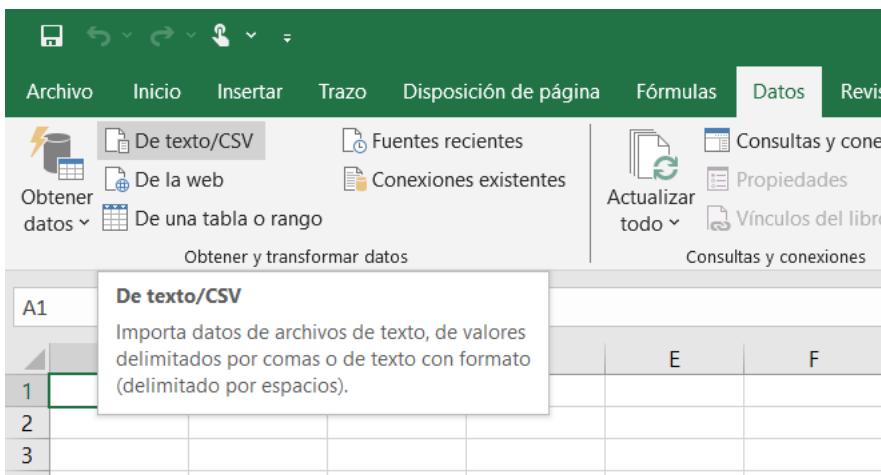


Análisis de Datos

¿Soluciones?

Tableau Prep Builder: Download

Almost there!



Análisis de Datos

¿Soluciones?

The screenshot shows the Microsoft Excel ribbon with the 'Datos' (Data) tab selected. In the 'Obtener datos' (Get Data) group, the 'De texto/CSV' (From Text/CSV) option is highlighted. A tooltip for 'De texto/CSV' explains that it imports data from text files, delimited by commas or spaces. The 'Delimiter' dropdown menu is open, showing 'Comma' as the selected option. A red arrow points to this dropdown. The 'Data Type Detection' section indicates 'Based on first 200 rows'. The preview pane displays the first 200 rows of the 'ObesityDataSet_raw_and_data_sinthetic.csv' file, which contains various demographic and health-related data. At the bottom of the preview pane, a note states: 'The data in the preview has been truncated due to size limits.' Below the preview are three buttons: 'Load', 'Transform Data', and 'Cancel'.

Análisis de Datos

ObesityDataSet_raw_and_data_sinthetic - Power Query Editor

Archivo Home Transform Add Column View

Transpose Reverse Rows Group By Use First Row as Headers Count Rows Table Any Column Text Column Number Column Date & Time Column Structured Column

Data Type: Any Replace Values Unpivot Columns Detect Data Type Fill Move Rename Pivot Column Convert to List ABC Extract 123 abc Parse Statistics Standard Scientific 10² Rounding Information Date Time Duration Expand Aggregate Extract Values

Queries [1] ObesityDataSet_raw_...

= Table.TransformColumnTypes(#"Promoted Headers",{{"Gender", type text}, {"Age", Int64.Type}, {"Height", Int64.Type}, {"Weight", Int64.Type}, {"family_history_with_overweight", type text}, {"FAVC", type text}, {"FCVC", type text}, {"NCP", Int64.Type}, {"CAEC", type text}, {"SMOKI", type text}})

	Gender	Age	Height	Weight	family_history_with_overweight	FAVC	FCVC	NCP	CAEC	SMOKI	
1	Female	21	162	6400	yes	no		200	300	Sometimes	no
2	Female	21	152	5600	yes	no		300	300	Sometimes	yes
3	Male	23	180	7700	yes	no		200	300	Sometimes	no
4	Male	27	180	8700	no	no		300	300	Sometimes	no
5	Male	22	178	8980	no	no		200	100	Sometimes	no
6	Male	29	162	5300	no	yes		200	300	Sometimes	no
7	Female	23	150	5500	yes	yes		300	300	Sometimes	no
8	Male	22	164	5300	no	no		200	300	Sometimes	no
9	Male	24	178	6400	yes	yes		300	300	Sometimes	no
10	Male	22	172	6800	yes	yes		200	300	Sometimes	no
11	Male	26	185	10500	yes	yes		300	300	Frequently	no
12	Female	21	172	8000	yes	yes		200	300	Frequently	no
13	Male	22	165	5600	no	no		300	300	Sometimes	no
14	Male	41	180	9900	no	yes		200	300	Sometimes	no
15	Male	23	177	6000	yes	yes		300	100	Sometimes	no
16	Female	22	170	6600	yes	no		300	300	Always	no
17	Male	27	193	10200	yes	yes		200	100	Sometimes	no
18	Female	29	153	7800	no	yes		200	100	Sometimes	no
19	Female	30	171	8200	yes	yes		300	400	Frequently	yes
20	Female	23	165	7000	yes	no		200	100	Sometimes	no
21	Male	22	165	8000	yes	no		200	300	Sometimes	no
22	Female	52	169	8700	yes	yes		300	100	Sometimes	yes
23	Female	22	165	6000	yes	yes		300	300	Sometimes	no
24	Female	22	160	8200	yes	yes		100	100	Sometimes	no
25	Male	21	185	6800	yes	yes		200	300	Sometimes	no
26	Male	20	160	5000	yes	no		200	400	Frequently	yes
27	Male	21	170	6500	yes	yes		200	100	Frequently	no
28	Female	23	160	5200	no	yes		200	400	Frequently	no

Query Settings

Properties Name: ObesityDataSet_raw_and_data_sinthetic All Properties

Applied Steps Source Promoted Headers Changed Type

Análisis de Datos

ObesityDataSet_raw_and_data_sinthetic - Power Query Editor

Archivo Home Transform Add Column View

Transpose Reverse Rows Group By Use First Row as Headers Count Rows Table Any Column Text Column Number Column Date & Time Column Structured Column

Data Type: Any Replace Values Unpivot Columns Detect Data Type Fill Move Rename Pivot Column Convert to List ABC Extract 123 abc Parse Statistics Standard Scientific 10² Rounding Information Date Time Duration Expand Aggregate Extract Values

Queries [1] ObesityDataSet_raw_...

= Table.TransformColumnTypes(#"Promoted Headers",{{"Gender", type text}, {"Age", Int64.Type}, {"Height", Int64.Type}, {"Weight", Int64.Type}, {"family_history_with_overweight", type text}, {"FAVC", type text}, {"FCVC", type text}, {"NCP", Int64.Type}, {"CAEC", type text}, {"SMOKI", type text}})

	Gender	Age	Height	Weight	family_history_with_overweight	FAVC	FCVC	NCP	CAEC	SMOKI	
1	Female	21	162	6400	yes	no		200	300	Sometimes	no
2	Female	21	152	5600	yes	no		300	300	Sometimes	yes
3	Male	23	180	7700	yes	no		200	300	Sometimes	no
4	Male	27	180	8700	no	no		300	300	Sometimes	no
5	Male	22	178	8980	no	no		200	100	Sometimes	no
6	Male	29	162	5300	no	yes		200	300	Sometimes	no
7	Female	23	150	5500	yes	yes		300	300	Sometimes	no
8	Male	22	164	5300	no	no		200	300	Sometimes	no
9	Male	24	178	6400	yes	yes		300	300	Sometimes	no
10	Male	22	172	6800	yes	yes		200	300	Sometimes	no
11	Male	26	185	10500	yes	yes		300	300	Frequently	no
12	Female	21	172	8000	yes	yes		200	300	Frequently	no
13	Male	22	165	5600	no	no		300	300	Sometimes	no
14	Male	41	180	9900	no	yes		200	300	Sometimes	no
15	Male	23	177	6000	yes	yes		300	100	Sometimes	no
16	Female	22	170	6600	yes	no		300	300	Always	no
17	Male	27	193	10200	yes	yes		200	100	Sometimes	no
18	Female	29	153	7800	no	yes		200	100	Sometimes	no
19	Female	30	171	8200	yes	yes		300	400	Frequently	yes
20	Female	23	165	7000	yes	no		200	100	Sometimes	no
21	Male	22	165	8000	yes	no		200	300	Sometimes	no
22	Female	52	169	8700	yes	yes		300	100	Sometimes	yes
23	Female	22	165	6000	yes	yes		300	300	Sometimes	no
24	Female	22	160	8200	yes	yes		100	100	Sometimes	no
25	Male	21	185	6800	yes	yes		200	300	Sometimes	no
26	Male	20	160	5000	yes	no		200	400	Frequently	yes
27	Male	21	170	6500	yes	yes		200	100	Frequently	no
28	Female	23	160	5200	no	yes		200	400	Frequently	no

Query Settings

Properties Name: ObesityDataSet_raw_and_data_sinthetic All Properties

Applied Steps Source Promoted Headers Changed Type

Creando visualizaciones

The screenshot shows the Tableau Public interface. On the left, the 'Conexiones' (Connections) pane lists 'ObesityDataSet_raw_and_data_sinthetic_corregido' (Archivo de texto). The 'Archivos' (Files) pane contains 'ObesityDataSet_raw_and_data_sinthetic.csv' and 'ObesityDataSet_raw_and_data_sinthetic_corregido.csv'. The main area displays a preview of the data with three red arrows pointing from the 'Nombre' and 'Campos' sections to the corresponding columns in the preview table.

Nombre: ObesityDataSet_raw_and_data_sinthetic_corregido.csv

Campos:

Tipo	Nombre de campo	Tabl...	Nom...
Abc	Gender	Obesit...	Gender
#	Age	Obesit...	Age

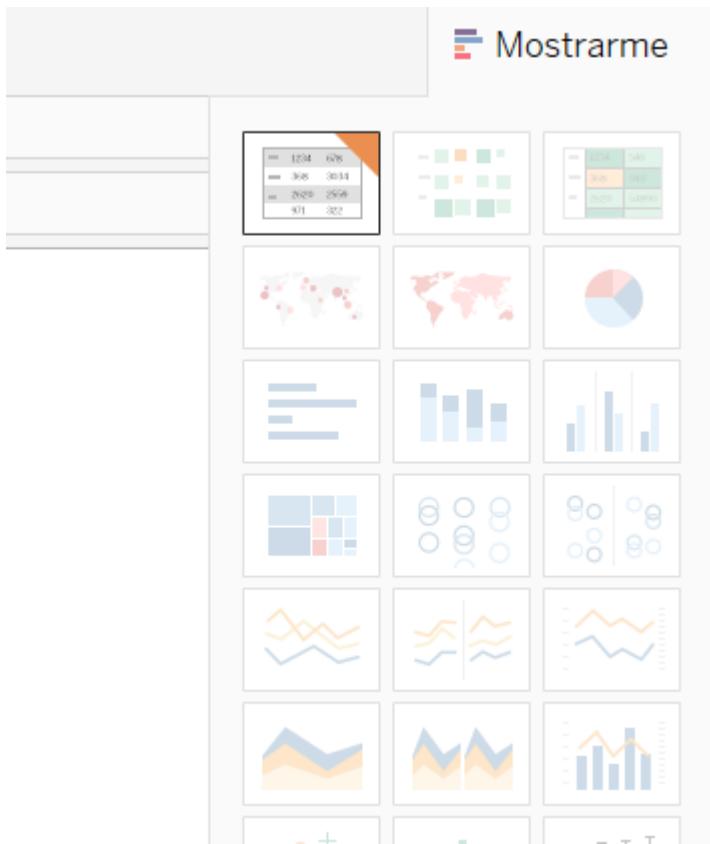
Preview Table:

Gender	Age	Height	Weight
Female	21	162	6.400
Female	21	152	5.600
Male	23	180	7.700
Male	27	180	8.700
Male	22	178	8.980
Male	29	162	5.300

Creando visualizaciones

The screenshot shows a data visualization interface with a toolbar at the top. Below the toolbar, there are two main sections: "Filas" (Rows) and "Columnas" (Columns). In the "Filas" section, "Family History With .." is selected. In the "Columnas" section, "Gender" is selected. The main area displays a table titled "Hoja 1". The table has "Family Hi.." as the first column header, "Female" as the second column header, and "Male" as the third column header. The rows are "no" and "yes". The "no" row contains "Abc" under both "Female" and "Male". The "yes" row also contains "Abc" under both "Female" and "Male". A red box highlights the entire table area.

Family Hi..	Female	Male
no	Abc	Abc
yes	Abc	Abc



Si queremos graficar el recuento de Historial Familiar de obesidad por género, tenemos que cambiar el tipo de dato de “Family History”

Creando visualizaciones

The screenshot shows the Tableau interface with 'Columns' and 'Rows' sections. The 'Columns' section has 'Family History With ..' selected. The 'Rows' section has 'Gender' selected. A red arrow points to the 'Family History With ..' button.

Hoja 1

	Family History ..	
Gender	no	yes
Female	Abc	Abc
Male	Abc	Abc

- Abc Family History With Overwe...
- Abc Favc
- Abc Gender
- Abc Mtrans
- Abc N Obesidad
- Abc SCC
- Abc Smoke
- Abc Nombres de medidas
- # Age
- # Ch2O
- # FAF

The screenshot shows the Tableau interface with the 'Marks' shelf open. Under 'Family History ..', there is a context menu with the following options: 'Filtro...', 'Mostrar filtro', 'Mostrar resultado', 'Ordenar...', 'Formatear...', 'Incluir en descripción emergente' (which is checked), 'Editar alias...', 'Dimensión', 'Atributo', 'Medida' (which is selected), 'Editar en estante', 'Eliminar'. A red arrow points to the 'Medida' option.

Si queremos graficar el recuento de Historial Familiar de obesidad por género, tenemos que hacer lo siguiente:

The screenshot shows the Tableau interface with a context menu open over a dimension. The menu items are: 'Mínimo', 'Máximo', 'Recuento' (which is selected), and 'Recuento (Distintos)'. A red arrow points to the 'Recuento' option.

Creando visualizaciones

Si queremos graficar el recuento de Historial Familiar de obesidad por género, tenemos que hacer lo siguiente:

The screenshot shows the Tableau interface with the following steps highlighted:

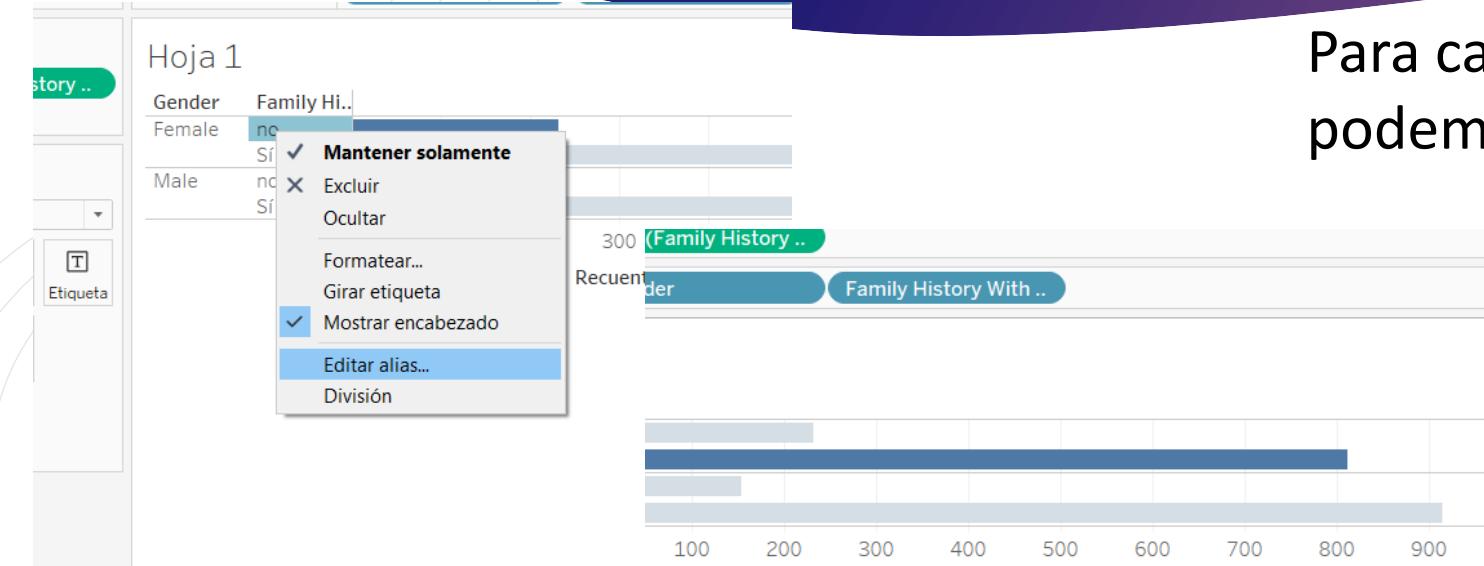
- Step 1:** A red arrow points to the "REC(Family History ..)" button in the Marks card, indicating the selection of a calculated field.
- Step 2:** A red arrow points to the "Recomendado" (Recommended) section in the visualization pane, where a bar chart is selected.
- Final Result:** The visualization pane displays a horizontal bar chart titled "Hoja 1". The chart compares the count of "Family History With Overweight" for females and males, showing that females have a higher count than males.

Data from the final visualization:

Gender	Family Hi..	Count
Female	no	~230
Female	yes	~810
Male	no	~160
Male	yes	~900

Creando visualizaciones

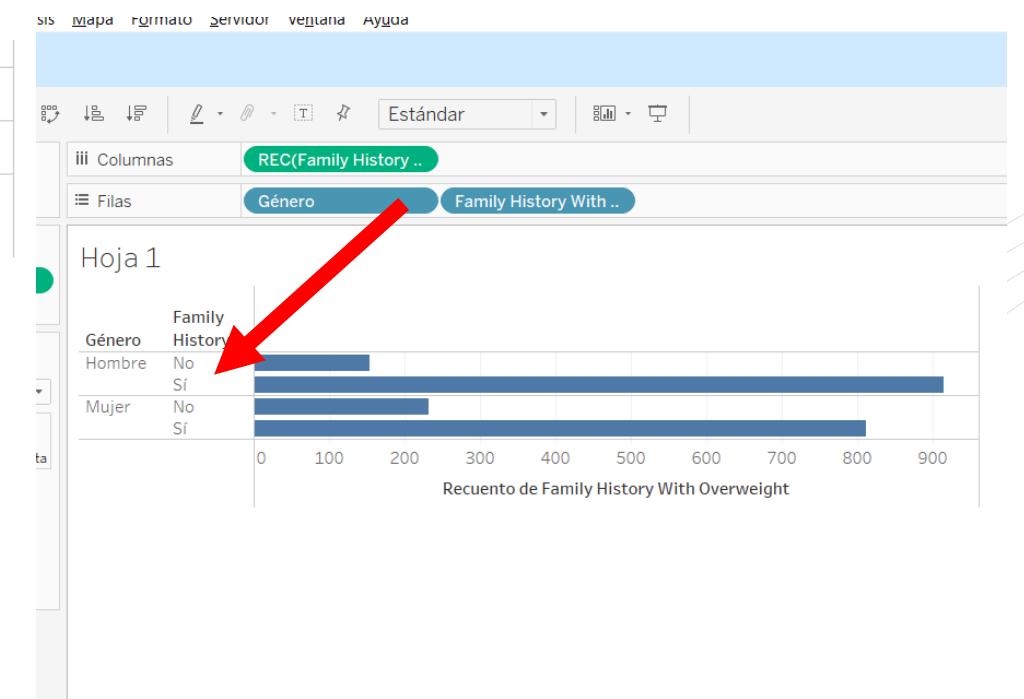
Para cambiar el nombre de las variables podemos utilizar “Alias”



Editar alias

Nombre: Sí

Aceptar Cancelar

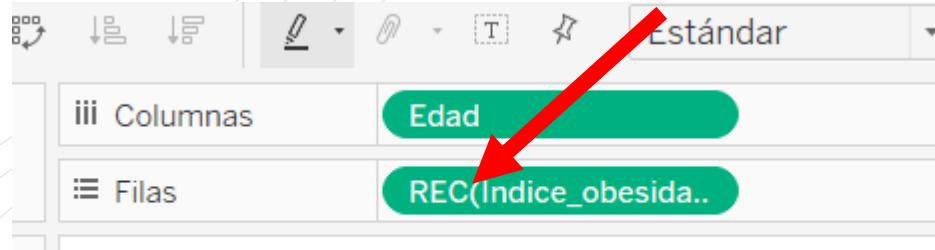


Creando visualizaciones

Para cambiar el nombre de las variables podemos utilizar “Alias”

The screenshot shows the Power BI desktop application interface. On the left, the ribbon has 'Conexiones' (Connections) selected. In the center, a data source named 'ObesityDataSet_raw_and_data_sinthetic.csv' is selected. On the right, the 'Campos' (Fields) section is open, showing columns like 'Género' (Gender) and 'Age'. A red arrow points from the 'Nombre' (Name) field in this section to the 'Género' entry in the 'Campos' table below. Another red arrow points to the 'Campos' table itself, highlighting the alias 'Género' applied to the 'Gender' column.

Creando visualizaciones



The screenshot shows the Power BI desktop interface. In the top ribbon, the 'Estándar' tab is selected. The 'Filas' (Rows) pane contains two items: 'Edad' and 'REC(Indice_obesida..)', with 'REC(Indice_obesida..)' highlighted by a red arrow. A context menu is open over 'REC(Indice_obesida..)', listing options like 'Mostrar filtro', 'Medida (Recuento)', and 'Continuo'. On the right, a visualization pane displays various chart and matrix icons. Below it, a section titled 'Para líneas (continuas) pruebe' suggests using '1 fecha' and '1 o más Medidas'.

Índice de Obesidad por edad

Filtro...

- Mostrar filtro
- Aplicar a hojas de trabajo
- Formatear...
- Mostrar encabezado
- Incluir en descripción emergente
- Dimensión
- Atributo
 - Medida (Recuento)
 - Discreto
 - Continuo
- Editar en estante**
- △ Añadir cálculo de tabla...
- Cálculo de tabla rápido
- Eliminar

Para líneas (continuas) pruebe

1 fecha

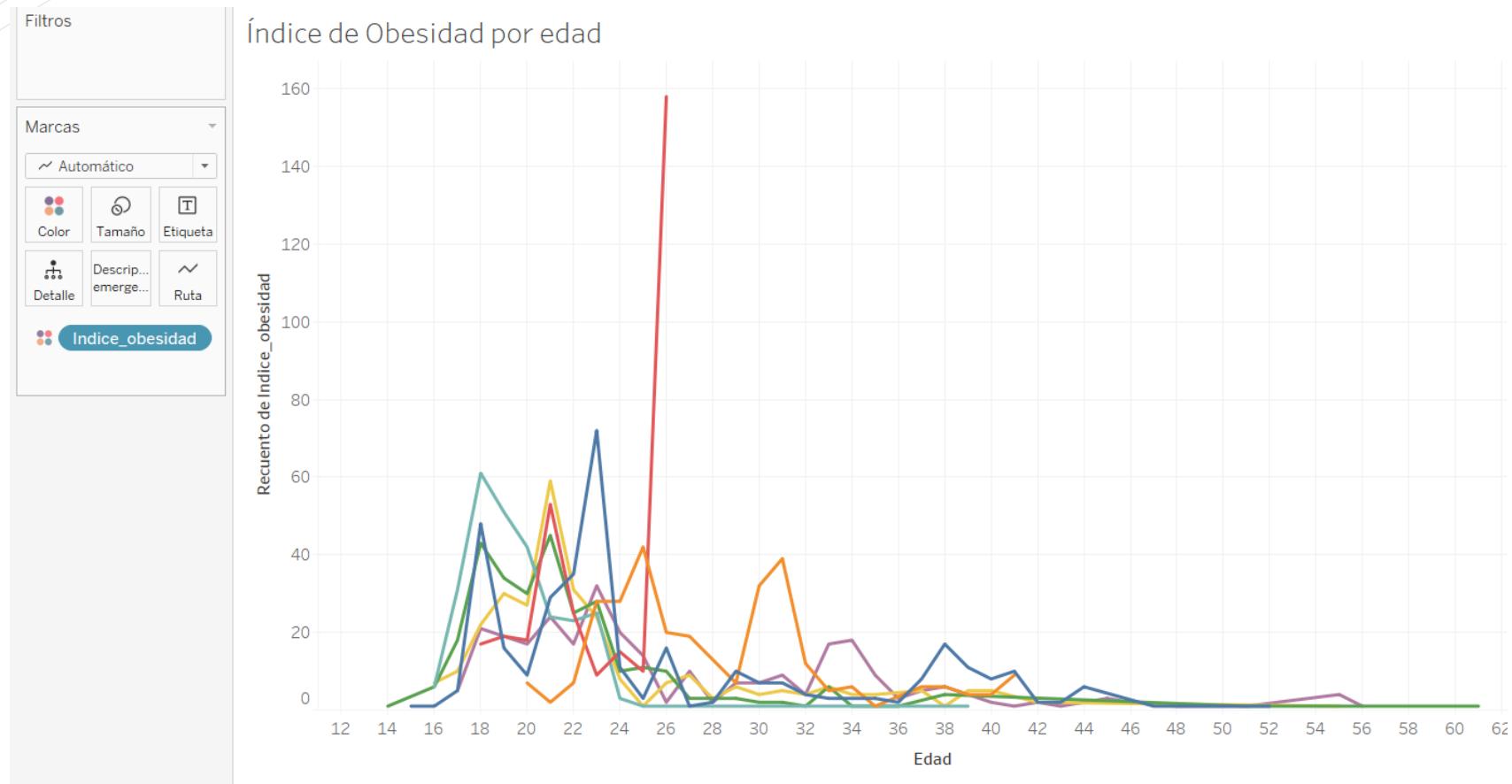
0 o más Dimensiones

1 o más Medidas

Probemos con el índice de obesidad a través de las edades

Creando visualizaciones

Probemos con el índice de obesidad a través de las edades

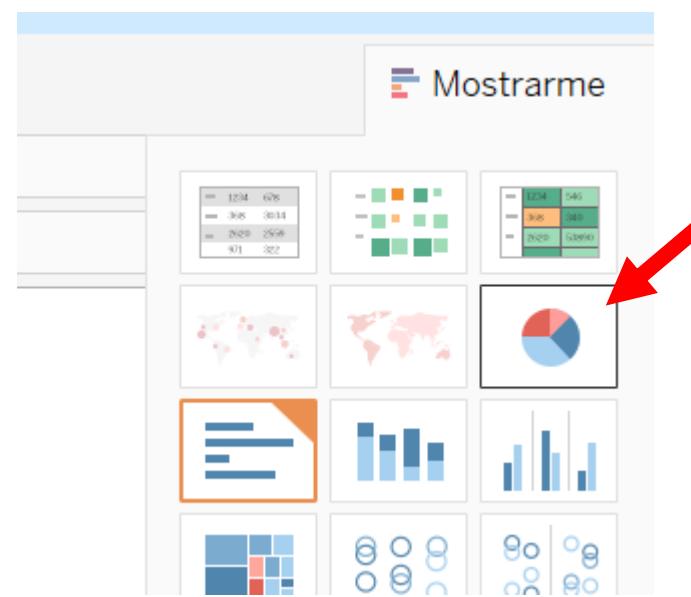


Creando visualizaciones

The screenshot shows a software interface for creating visualizations. At the top, there's a toolbar with various icons. Below it, the 'Filas' (Rows) section contains a green button labeled 'REC(Media_Transpo..)' and the 'Columnas' (Columns) section contains two buttons: 'Medio_Transporte' and 'Indice_obesidad'. In the bottom left corner, there's a 'Filtros' (Filters) panel with a single button labeled 'Indice_obesidad: Pes...'. This indicates that a filter has been applied to the 'Indice_obesidad' column.

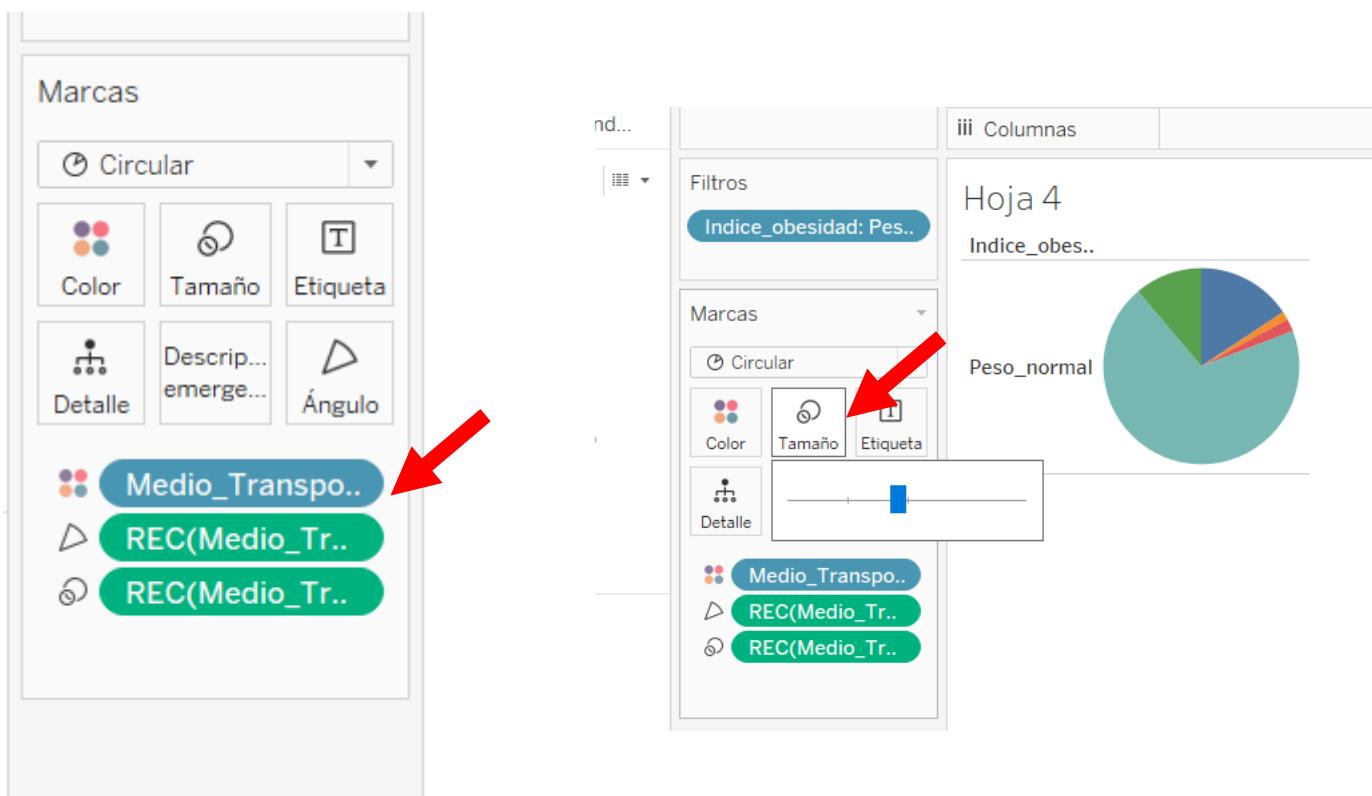
Nuestro filtro será de
“Peso Normal”

Ahora quisiéramos saber en qué medios de transporte se mueven las personas que tienen peso “normal”

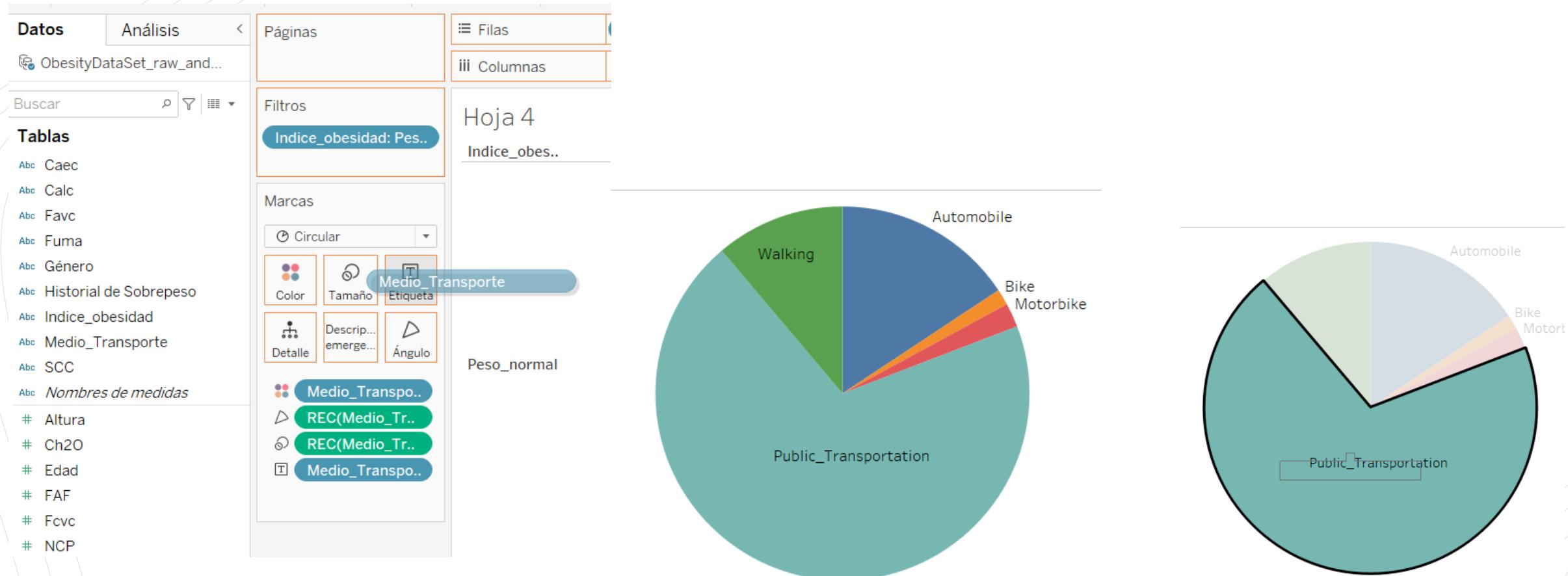


Creando visualizaciones

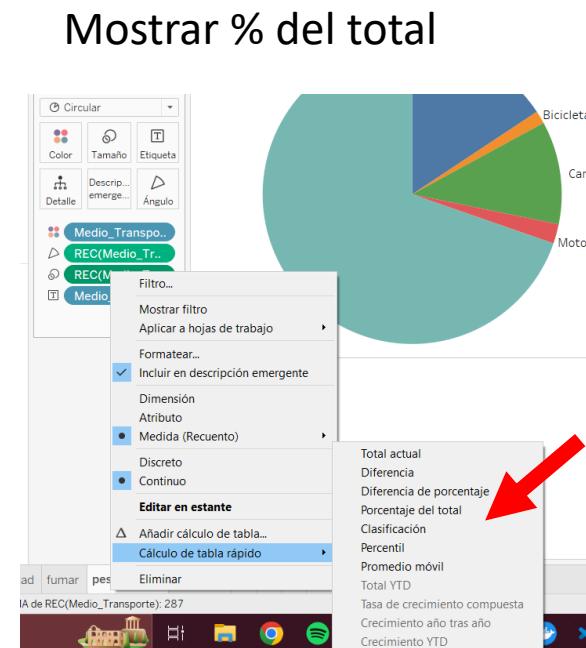
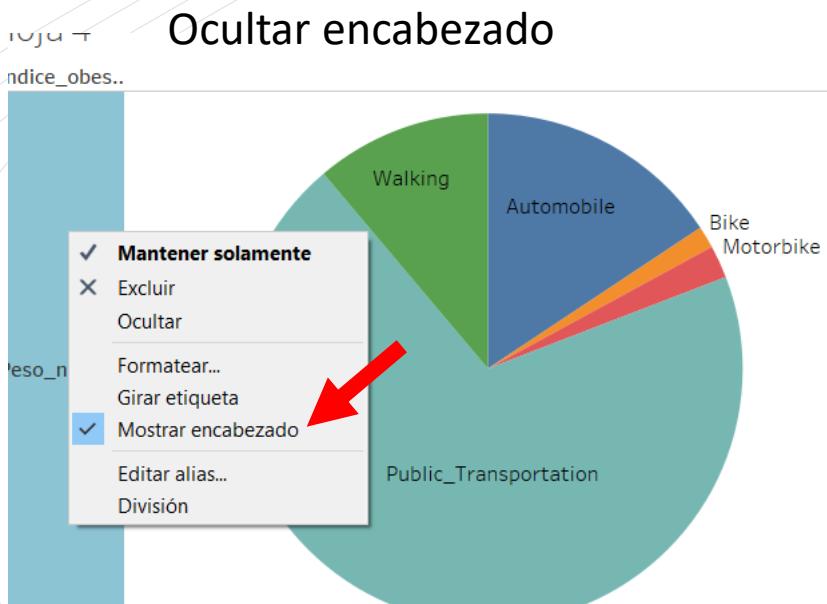
Ojo con las marcas!!!



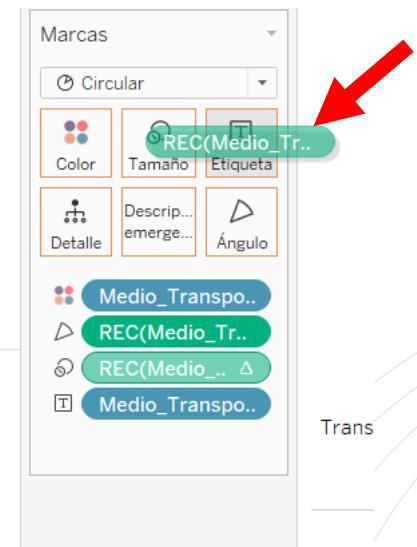
Creando visualizaciones



Creando visualizaciones

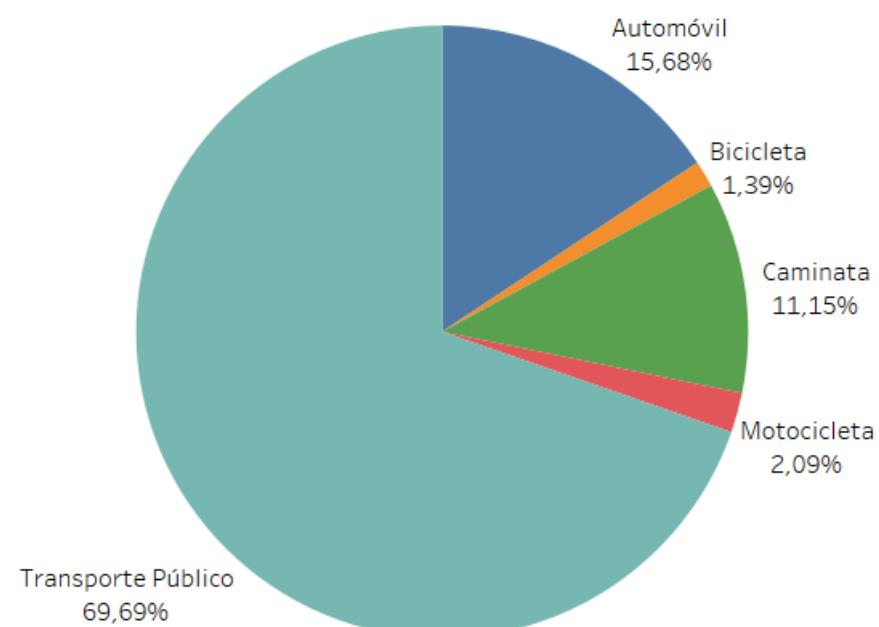


Mover el REC a Etiqueta

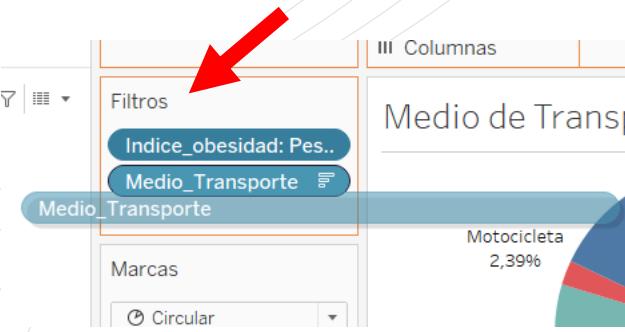


Creando visualizaciones

Medio de Transporte de personas con peso normal



Creando visualizaciones

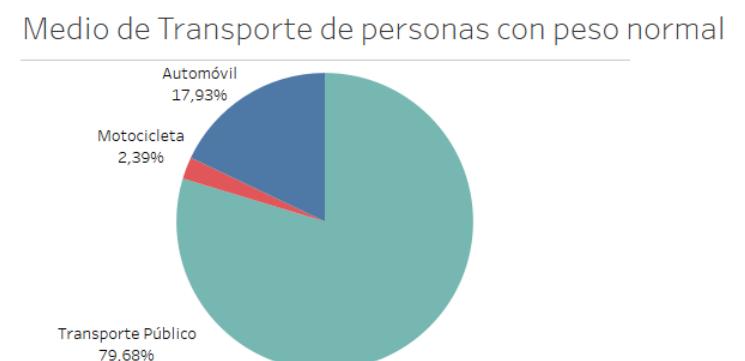


Ojo con las marcas!!!

Three overlapping dialog boxes are shown:

- The top dialog is 'Ordenar [Medio_Transporte]' with a red arrow pointing to the 'Ascendente' and 'Descendente' buttons. The 'Descendente' button is selected.
- The middle dialog is 'Filtro [Medio_Transporte]' with a red arrow pointing to the 'General' tab. The 'Por campo:' section is selected, showing 'Superior' and a dropdown menu with '3'.
- The bottom dialog is a smaller 'Filtro' window showing 'Por fórmula:' with 'Superior' and a dropdown menu with '10'.

Ahora quisiéramos saber en qué medios de transporte se mueven las personas que tienen peso “normal”
→ Pero con filtro de los 3 medios de transporte principales



Creando visualizaciones

Podemos hacer algo similar para personas con obesidad/sobrepeso

Vamos a crear un “Conjunto”

Editar conjunto [Indice_obesidad conjunto]

Nombre: Indice_obesidad conjunto

General Condición Superior

Seleccionar de la lista Personalizar lista de valores Usar todo

Escribir texto de búsqueda

- Peso_insuficiente
- Peso_normal
- Ob_tipoI
- ob_tipoII
- Ob_tipoIII
- Sobrepeso_N1
- Sobrepeso_N2

Todo Ninguno Excluir

Resumen

Campo: [Indice_obesidad]
Selección: 5 de 7 valores seleccionados
Comodín: Todo
Condición: Ninguno
Límite: Ninguno

Restablecer Aceptar Cancelar Aplicar

Historial de Sobre peso

Indice_obesidad

Indice_obesidad conjunto

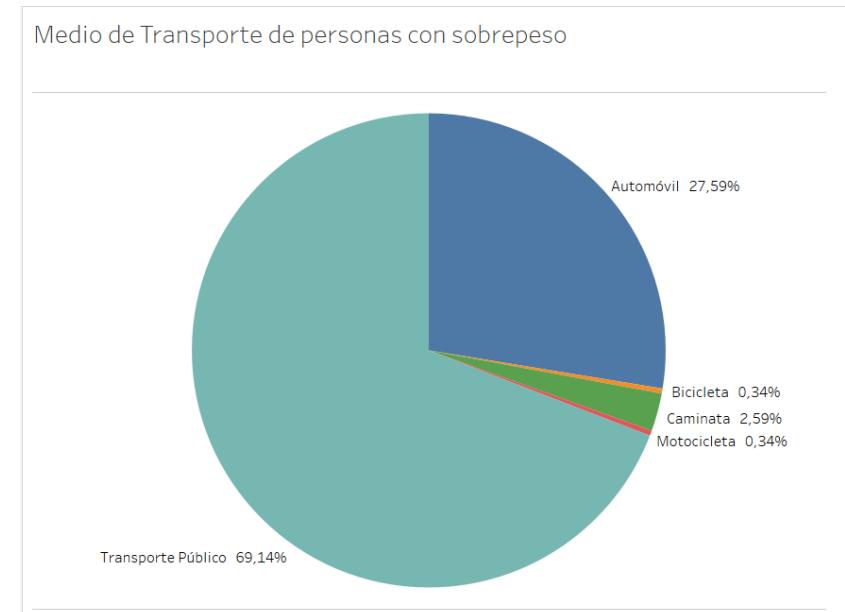
Medio_Transporte

SCC

Nombres de medidas

DENTRO/FUERA(..)

Medio de Transporte de personas con sobrepeso



Creando nuestro dashboard

The screenshot shows the Tableau interface for creating a new dashboard. The top navigation bar includes 'Dashboard' (selected), 'Trazado' (Trace), 'Vista previa del dispositivo' (Device Preview), and 'Tipo de dispositivo' (Device Type) with options like 'Predeterminado' (Default), 'Escritorio' (Desktop), and 'Teléfono' (Phone). Below this is a 'Vista previa del dispositivo' (Device Preview) button.

The main workspace displays sections for 'Predeterminado' (Default), 'Tamaño' (Size) set to 'mín. 420x560 - máx. 650x860', 'Hojas' (Sheets) containing 'genero', 'edad', 'fumar', 'peso normal', and 'obesidad', and 'Objetos' (Objects) listing 'Contenedor horizontal', 'Contenedor vertical', 'Texto', 'Extensión', 'Métrica de Pulse', and 'Imagen'. A note 'Arrastrar las hojas aquí' (Drag sheets here) is present next to the sheet list.

The bottom navigation bar features tabs for 'Mosaico' (Mosaic) and 'Flotante' (Floating).

Creando nuestro dashboard

Dashboard Trazado Vista previa del dispositivo Tipo de dispositivo Predete...

Predeterminado
Escritorio
Teléfono

Vista previa del dispositivo

Tamaño
mín. 420x560 - máx. 150x860

Hojas 

- genero
- edad
- fumar
- peso normal
- obesidad

Objetos

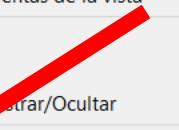
- Contenedor horizontal
- Contenedor vertical
- Texto
- Extensión
- Métrica de Pulse
- Imagen

Mosaico Flotante

Historial de Sobre peso por género

Género	Historial de Sobre..	Recuento de Historial de Sobre peso
Hombre	No	150
	Sí	350
Mujer	No	220
	Sí	380

Arrastrar las hojas aquí

Flotante 

- Ir a la hoja
- Duplicar hoja
- Quadrar
- Título
- Subtítulo
- Accesibilidad
- Leyendas
- Filtros
- Marcadores de resultado
- Mostrar control de página
- Barra de herramientas de la vista
- Usar como filtro
- Ignorar acciones
- Añadir botón Mostrar/Ocultar
- Flotante**
- Seleccionar contenedor: Mosaico
- Deseleccionar
- Quitar del Dashboard
- Cambiar nombre del elemento del dashboard...

Creando nuestro dashboard

Dashboard Trazado Vista previa del dispositivo Tipo de dispositivo Predete...

Predeterminado
Escritorio
Teléfono

Vista previa del dispositivo

Tamaño
mín. 420x560 - máx. 150x860

Hojas 

- genero
- edad
- fumar
- peso normal
- obesidad

Objetos

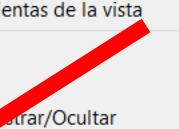
- Contenedor horizontal
- Contenedor vertical
- Texto
- Extensión
- Métrica de Pulse
- Imagen

Mosaico Flotante

Historial de Sobre peso por género

Género	Historial de Sobre..	Recuento de Historial de Sobre peso
Hombre	No	150
	Sí	350
Mujer	No	220
	Sí	380

Arrastrar las hojas aquí

Flotante 

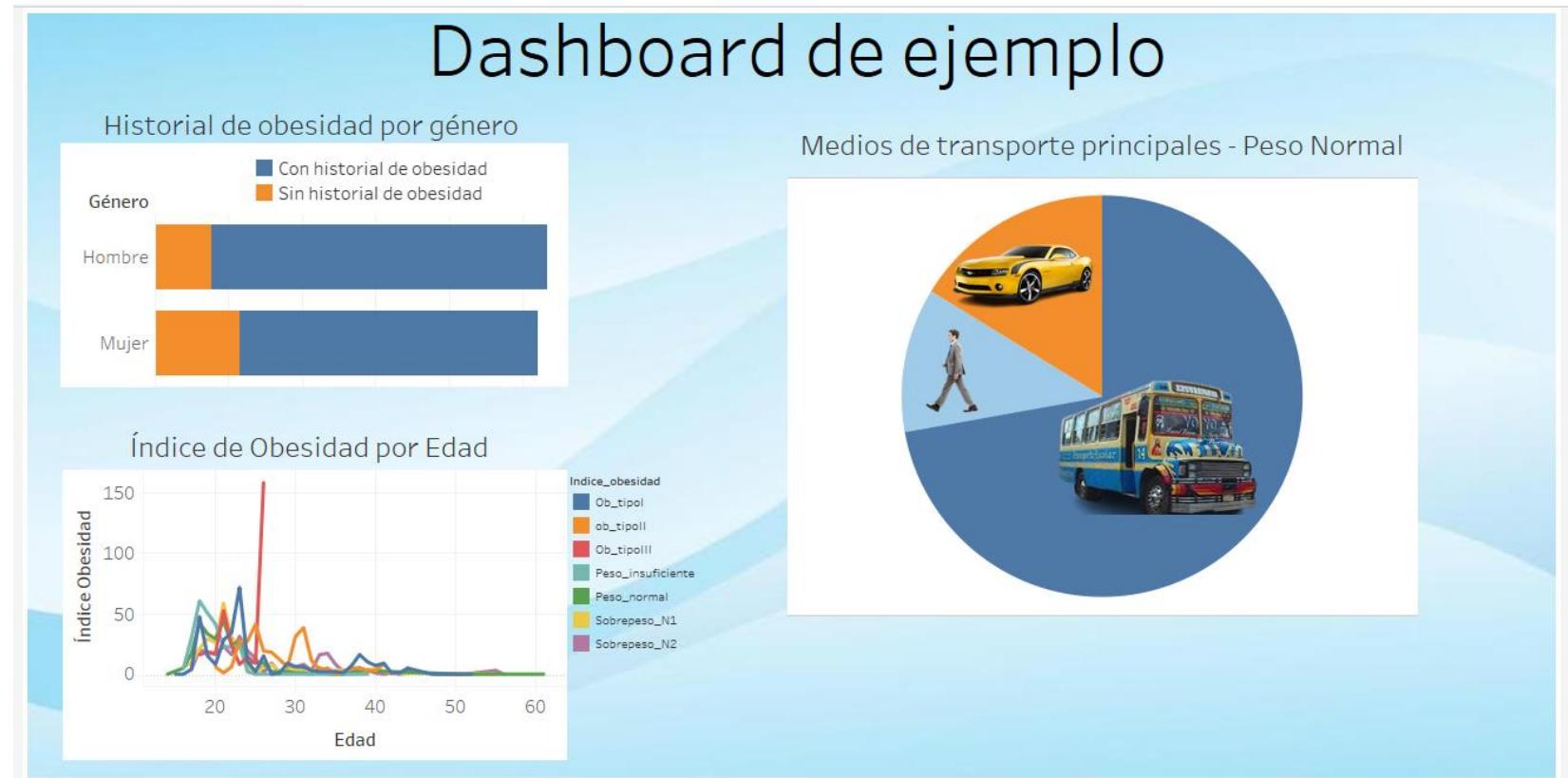
- Ir a la hoja
- Duplicar hoja
- Quadrar
- Título
- Subtítulo
- Accesibilidad
- Leyendas
- Filtros
- Marcadores de resultado
- Mostrar control de página
- Barra de herramientas de la vista
- Usar como filtro
- Ignorar acciones
- Añadir botón Mostrar/Ocultar
- Flotante**
- Seleccionar contenedor: Mosaico
- Deseleccionar
- Quitar del Dashboard
- Cambiar nombre del elemento del dashboard...

Creando nuestro dashboard

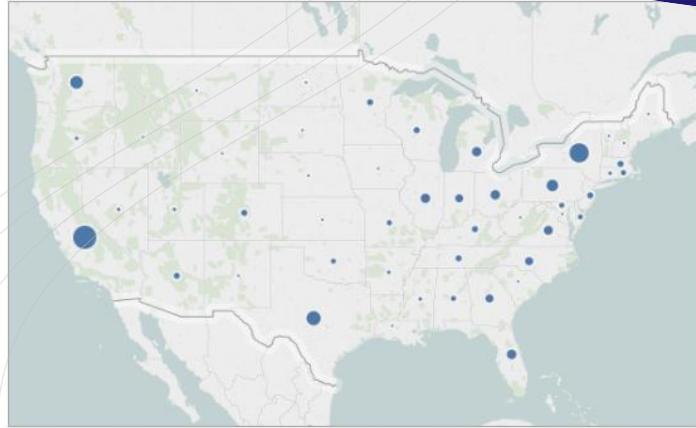
Objetos

- Contenedor horizontal
- Contenedor vertical
- Ⓐ Texto
- ↗ Extensión
- ⌚ Métrica de Pulsos
- ImageRelation

Mosaico



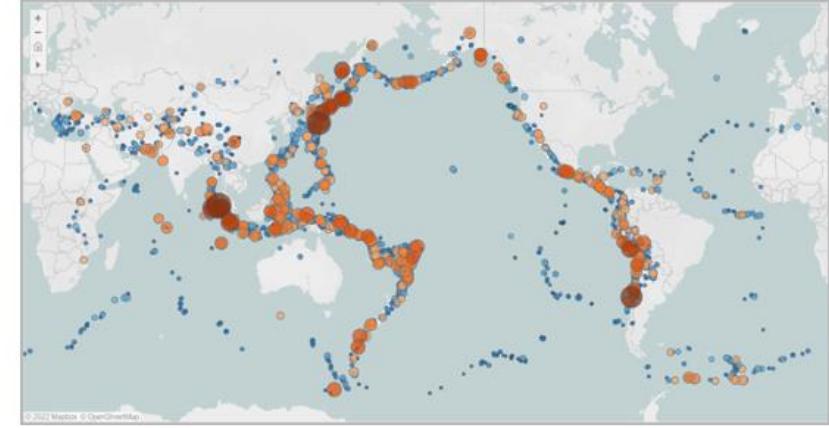
Mapas - Introducción



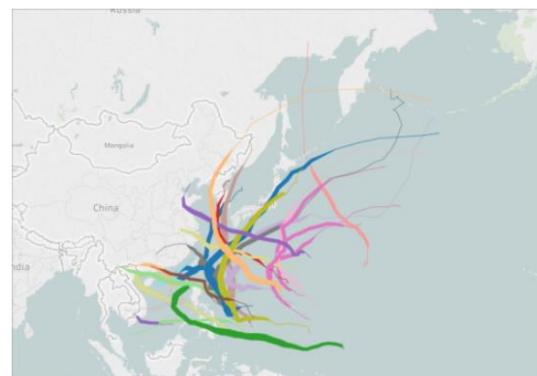
Mapas Simples



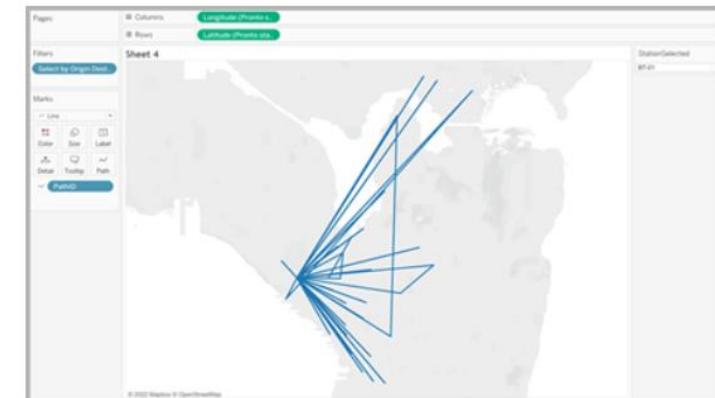
Mapas con archivos
geoespaciales



Mapas de símbolos proporcionales

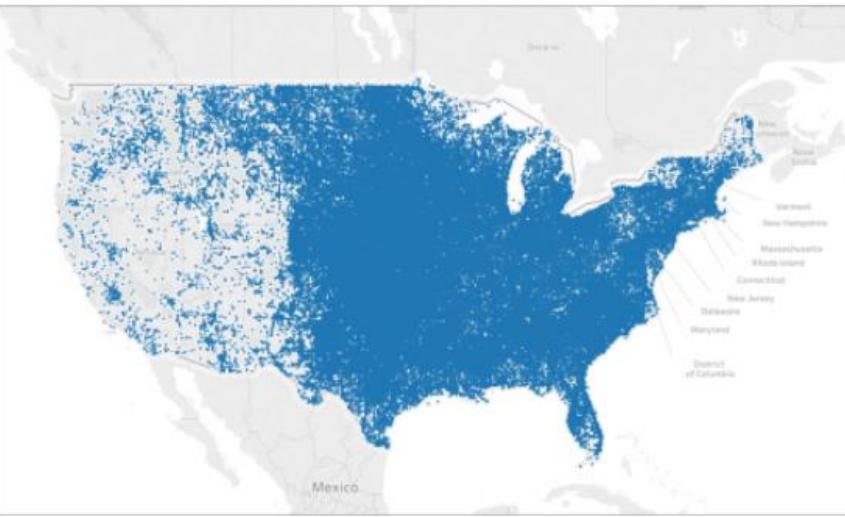


Mapas de flujos o rutas

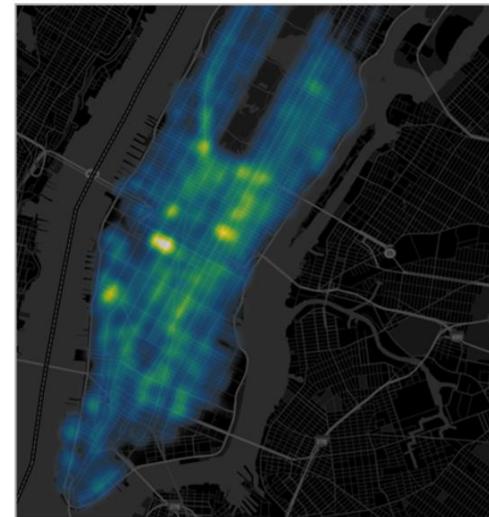


Mapas origen-destino

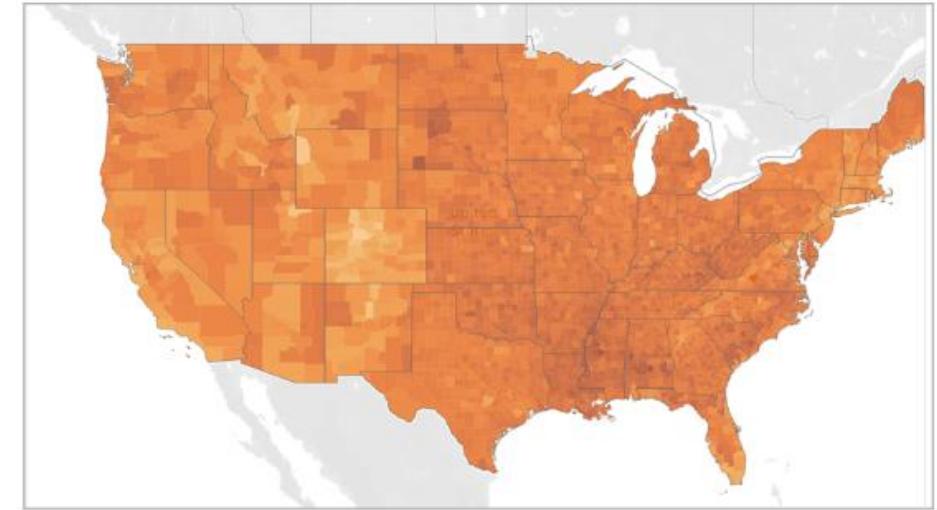
Mapas - Introducción



Mapas de distribución de puntos



Mapas de calor o
densidad



Mapas coroplético o relleno

Creando mapas

• TB_Burden_Country (TB_Burden_Country)

TB_Burden_Country



Vamos a crear un mapa donde veamos la detección de casos de tuberculosis a nivel mundial y su distribución por continentes/países.

TB_Burden_Country				47 campos 5120 filas
Nombre				
Campos				
Tipo	Nombre de campo	Tabl...	Nom...	
Country or territory name	TB!Burden!Country	TB!Burden!Country	Count...	
ISO 2-character country/territory name	Country or territory name	TB!Burden!Country	Count...	
ISO 3-character country/territory name	ISO 2-character country/territory name	TB!Burden!Country	Count...	

Nombre	Country or territory name	ISO 2-character country/t	ISO 3-character country/t
Afghanistan	AF	AFG	

Creando mapas

Buscar

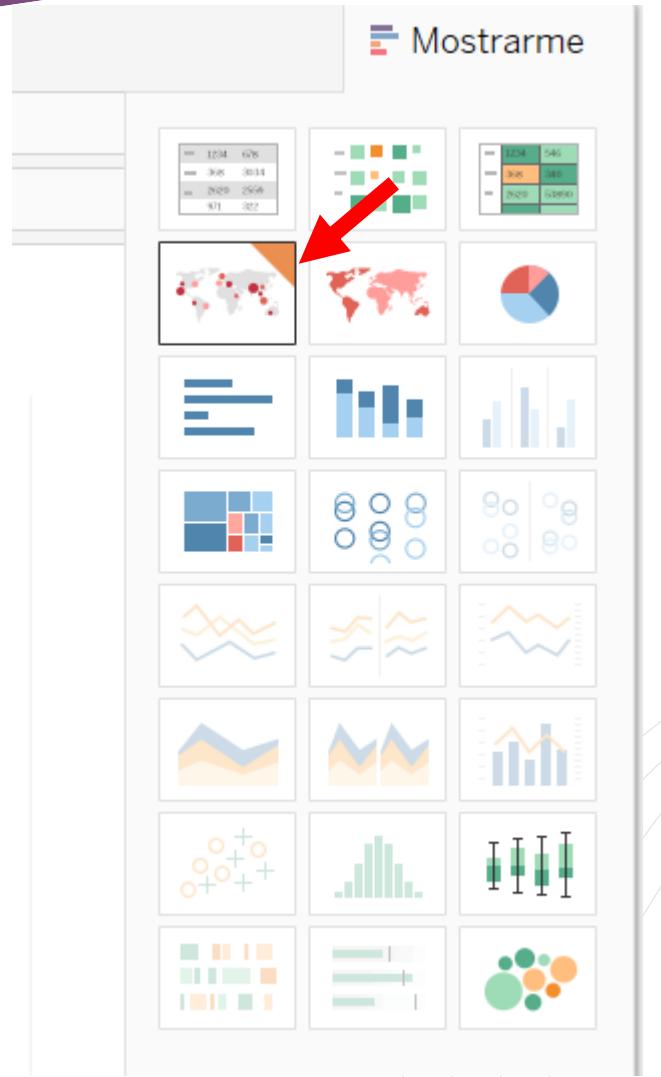
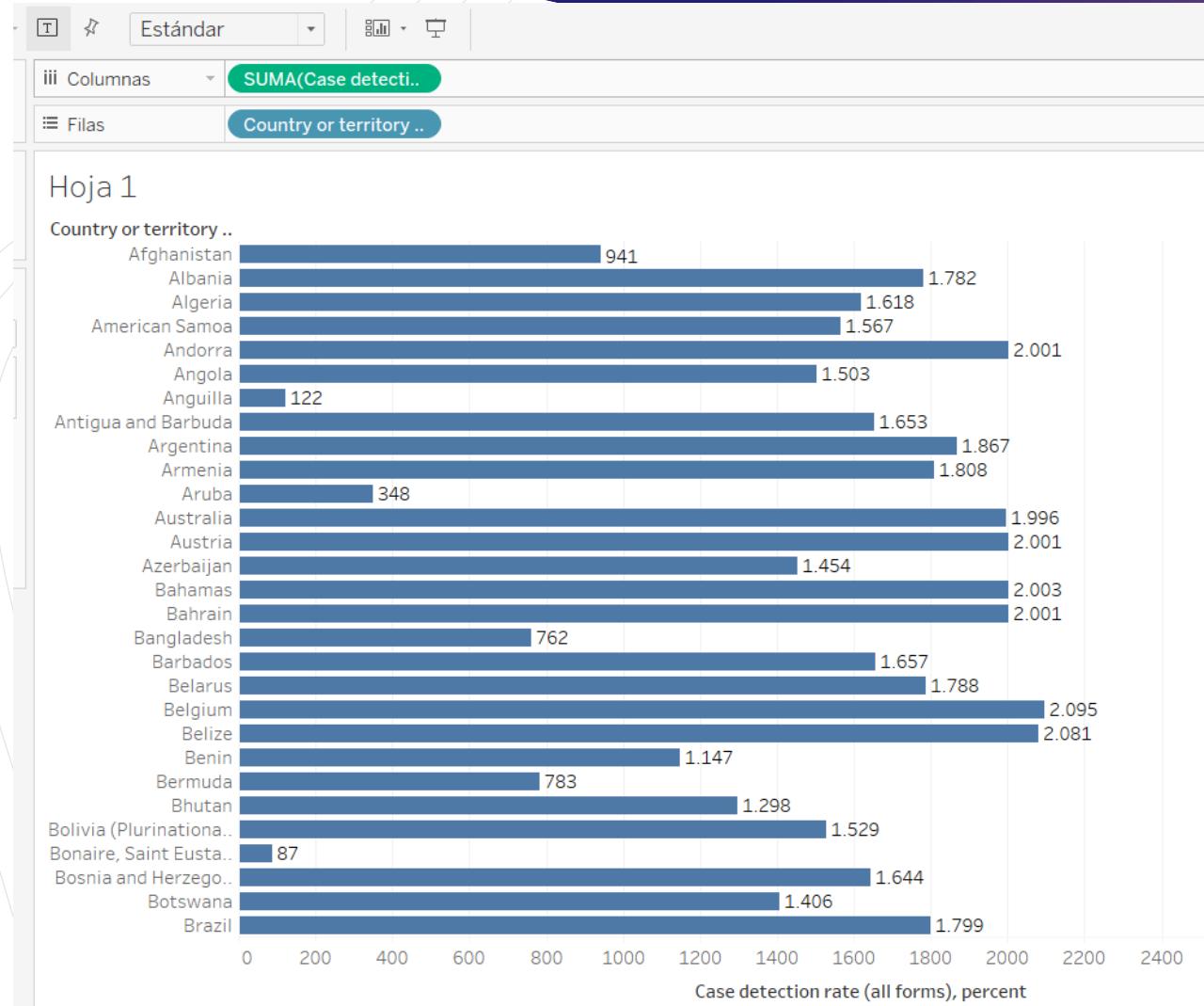
Tablas

- ⊕ Country or territory name
- ⊕ ISO 2-character country/territory code
- ⊕ ISO 3-character country/territory code
- Abc Method to derive incidence estimates
- Abc Method to derive mortality estimates
- Abc Method to derive prevalence estimates
- Abc Method to derive TBHIV estimates
- Abc Region
- # Year
- Abc *Nombres de medidas*
- # Case detection rate (all forms), percent
- # Case detection rate (all forms), percent, ...
- # Case detection rate (all forms), percent, l...
- # Estimated HIV in incident TB (percent)
- # Estimated HIV in incident TB (percent), h...
- # Estimated HIV in incident TB (percent), l...
- # Estimated incidence (all forms) per 100 ...
- # Estimated incidence (all forms) per 100 ...
- # Estimated incidence (all forms) per 100 ...
- # Estimated incidence of TB cases who are...
- # Estimated incidence of TB cases who are...
- # Estimated incidence of TB cases who are...
- # Estimated incidence of TB cases who are...
- # Estimated incidence of TB cases who are...
- # Estimated incidence of TB cases who are...
- # Estimated mortality of TB cases (all form

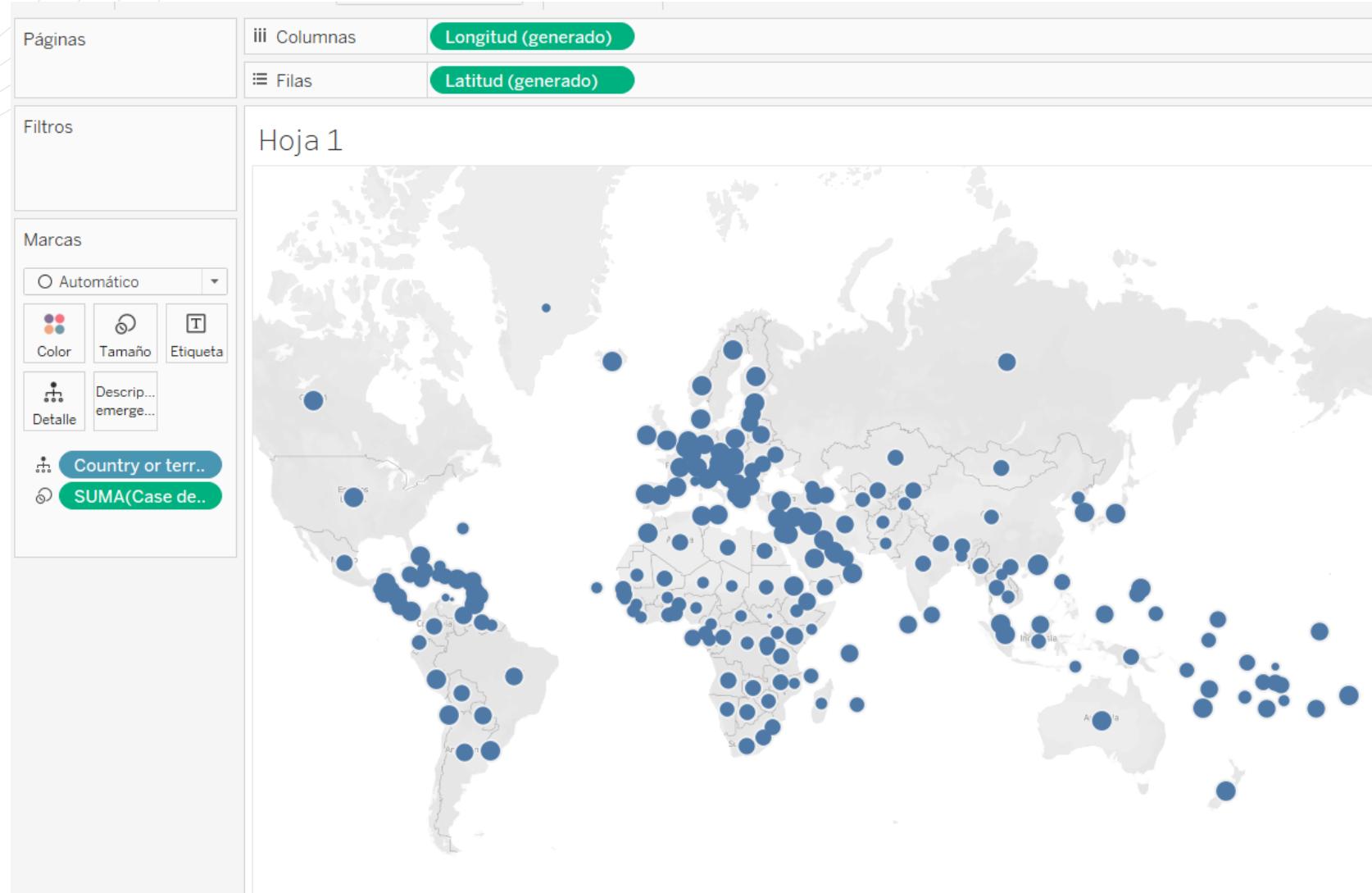
Vamos a crear un mapa donde veamos la detección de casos de tuberculosis a nivel mundial y su distribución por continentes/países.

iii Columnas	SUMA(Case detecti...)
≡ Filas	Country or territory ...

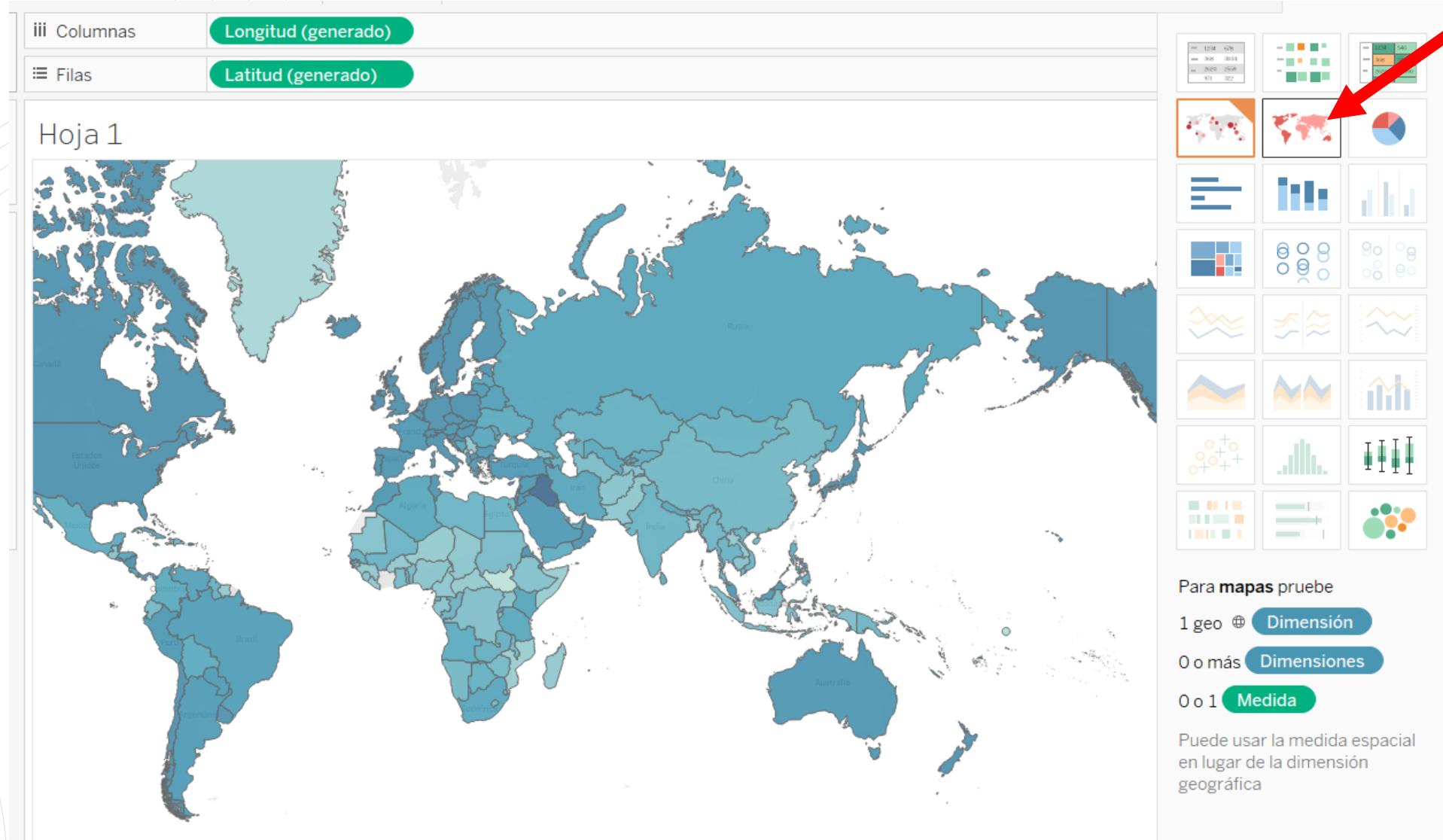
Creando mapas



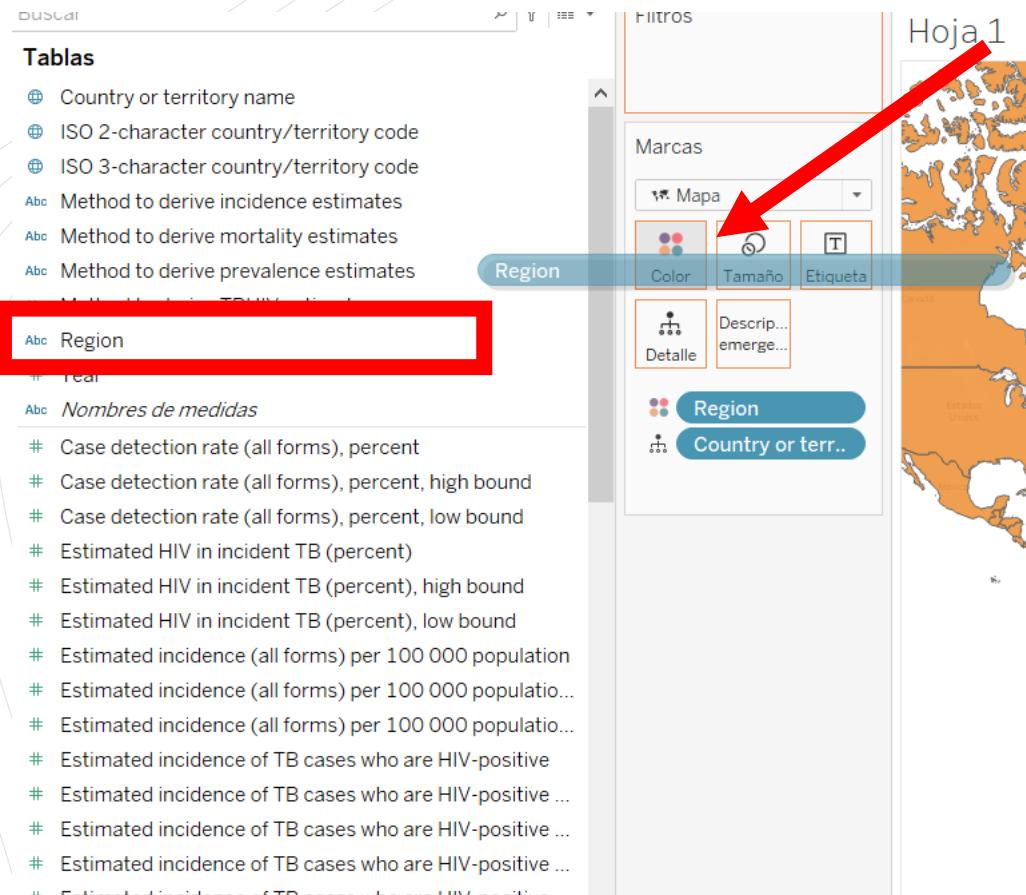
Creando mapas



Creando mapas

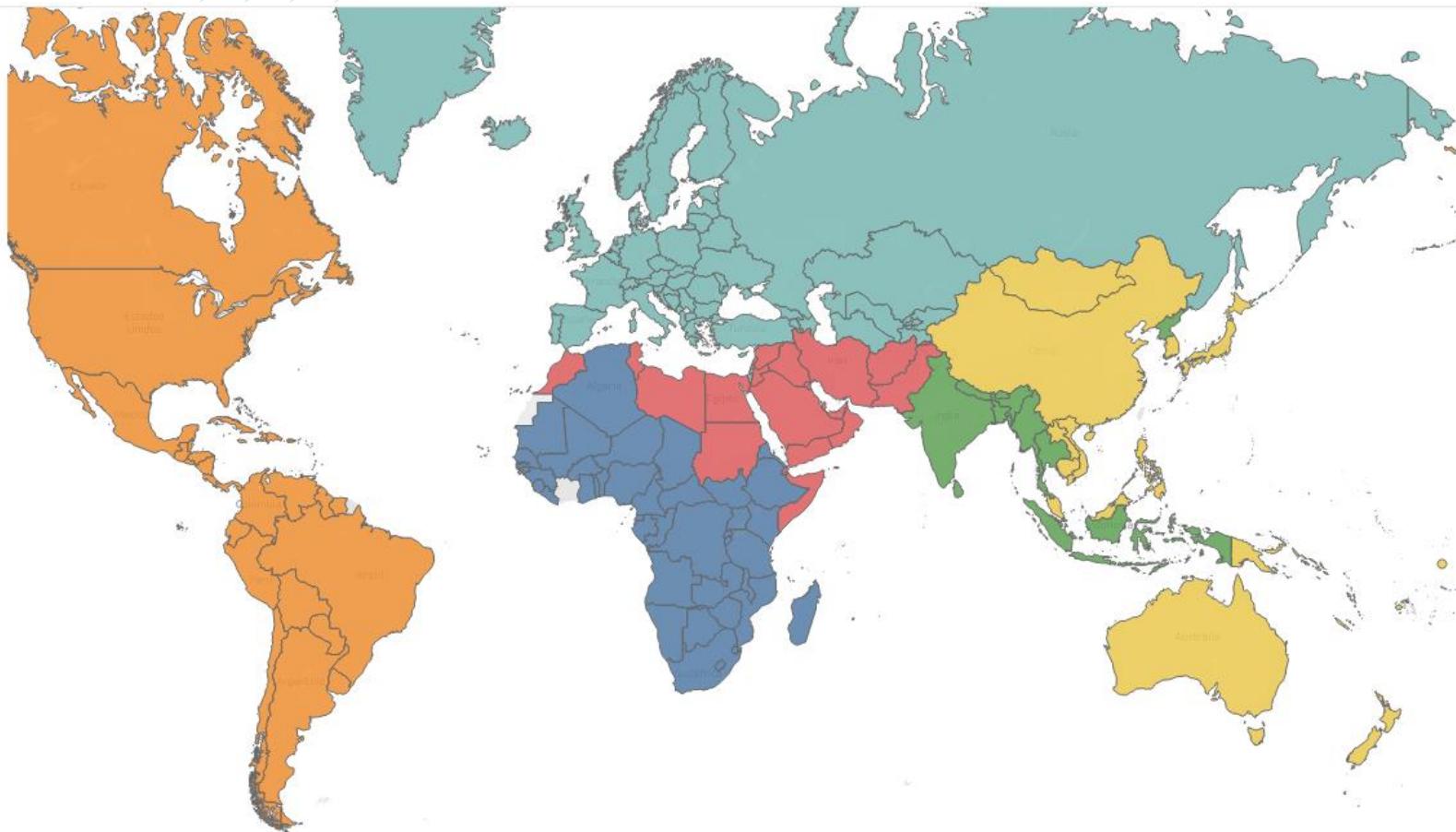


Creando mapas



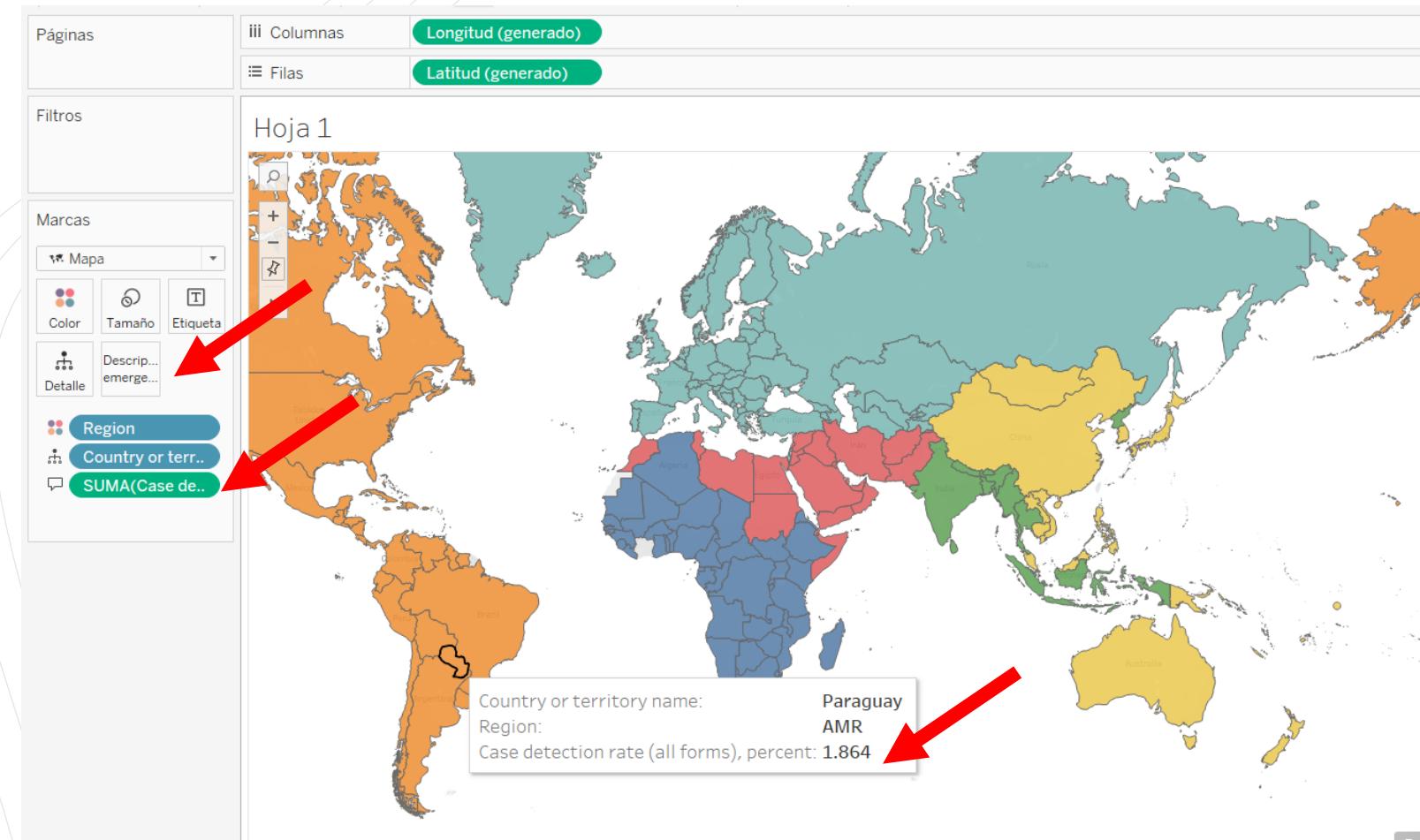
Si yo quisiera agrupar colores por región para mejor visualización, puedo arrastrar “Región” a la sección de color.

Creando mapas



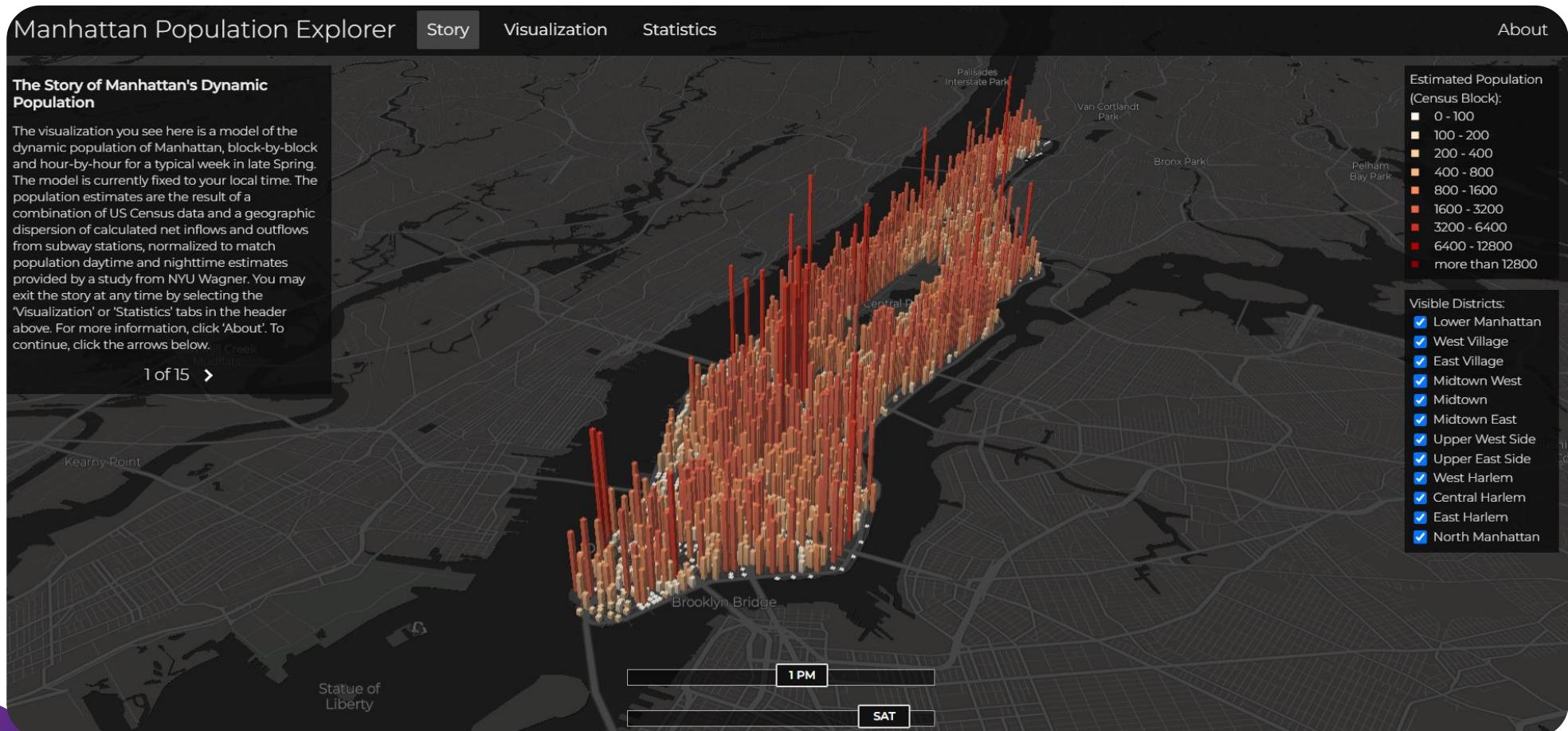
Si yo quisiera agrupar colores por región para mejor visualización, puedo arrastrar “Región” a la sección de color.

Creando mapas



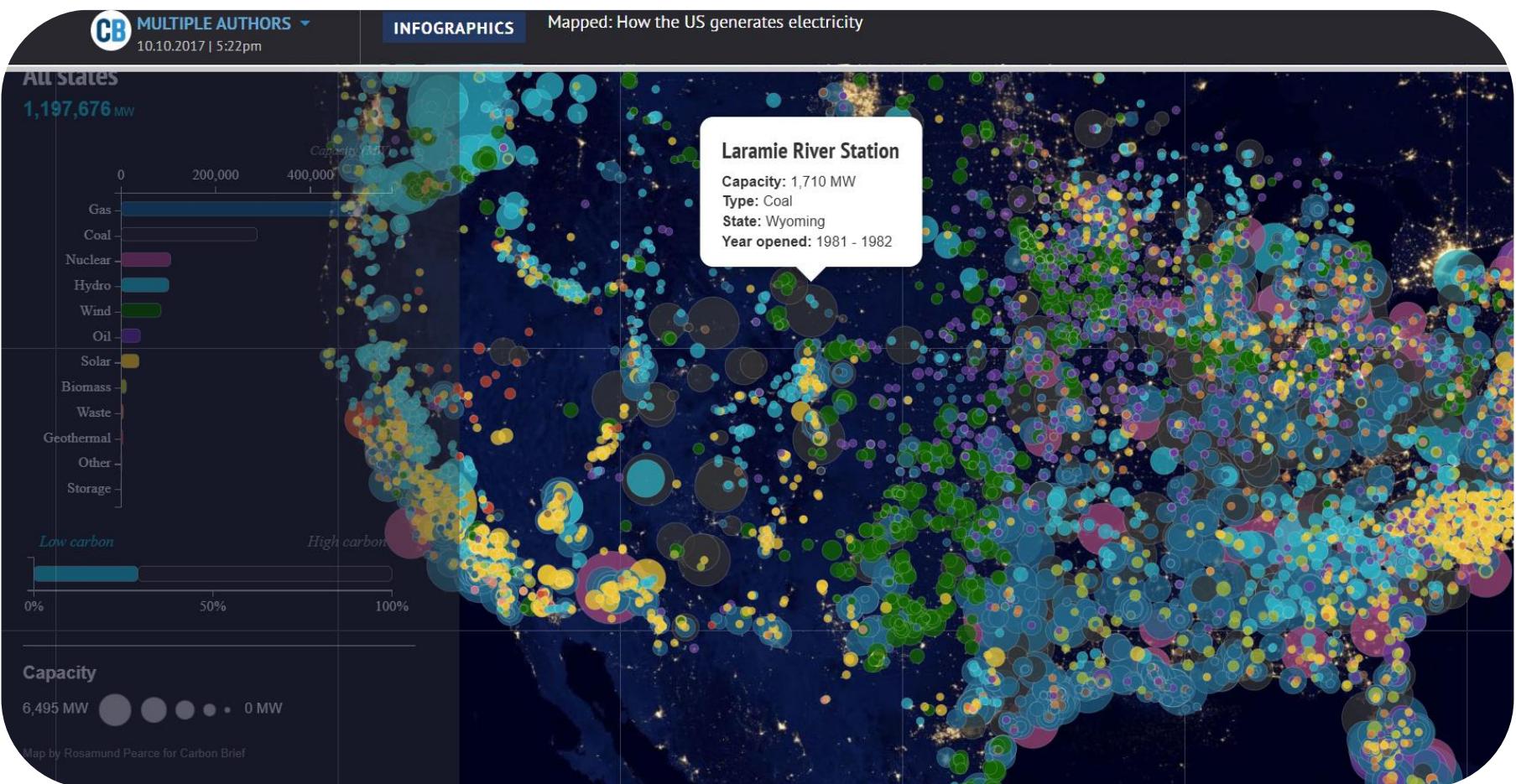
No olvidar “Case detection” que debe estar en la marca para que interactivamente pueda mostrar la cantidad de casos.

¿Tableau permite mapas interactivos?



<https://manpopex.us/>

¿Tableau permite mapas interactivos?



<https://www.carbonbrief.org/mapped-how-the-us-generates-electricity/>

Muchas Gracias

Consultas y contacto

Evelyn Valenzano

+595971625059

evelynvalenzano97@gmail.com



evelyn_valenzano



eveval97