

# Tableau

# En construcción



**BI ANALYSTS**



**DATA ANALYSTS**



**DATA SCIENTISTS**



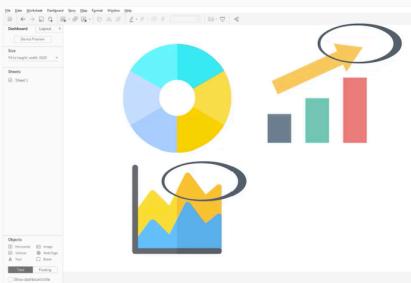
# GEOGRAPHICAL DATA



# VISUALS DASHBOARDS

# AND

# MULTI-LAYERED CALCULATIONS



# Excel



**DATA CREATION TOOL**



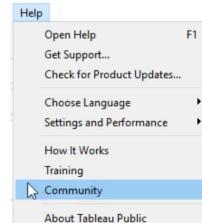
**PRE-PROCESSING**



**MULTI-LAYERED CALCULATIONS**

<https://public.tableau.com/en-us/s/>

Versión Gratuita!!.



Recursos de otros usuarios!!

A screenshot of the Tableau Public website search results for 'geography'. The search bar at the top contains the word 'geography'. Below the search bar, there are navigation links: 'All results 2,596', 'Vizzes 2,556', 'Authors 29', 'Blogs 11', and 'Resources'. The main content area displays two search results:

- Geography - ri.uncc**  
A thumbnail image of a Tableau viz titled 'Geography - ri.uncc'. Below it is a link to the viz: [https://public.tableau.com/profile/ri.uncc#/vizhome/Geography\\_9/Geography](https://public.tableau.com/profile/ri.uncc#/vizhome/Geography_9/Geography).  
Last updated: Jan 4, 2016 - Geography
- Geography - Lakshmi**  
A thumbnail image of a Tableau viz titled 'Geography - Lakshmi'. Below it is a link to the viz: [https://public.tableau.com/profile/lakshmi3372#/vizhome/Geography\\_25/Geography](https://public.tableau.com/profile/lakshmi3372#/vizhome/Geography_25/Geography).  
Last updated: Sep 9, 2017 - Geography

# Funcionalidades importantes

The screenshot shows the Tableau application window with the following menu structures:

- File** (highlighted in orange):
  - New (⌘N)
  - Open... (⌘O)
  - Close (⌘W)
  - Save (⌘S)
  - Save As... (⇧⌘S)
  - Revert to Saved (⌃⌘E)
  - Export As Version...
  - Export Packaged Workbook...
  - Export As PowerPoint...
- Data** (highlighted in orange):
  - New Data Source (⌘D)
  - Paste (⌘V)
  - Refresh All Extracts...
  - Edit Blend Relationships...
  - Replace Data Source...
  - Data (Data) ▶
    - ✓ Export\_13-04-2020-EmpresasDetails (highlighted in orange)
    - postalCodeGIS
- Map** (highlighted in orange):
  - Background Maps ▶
  - Background Images ▶
  - Geocoding ▶
  - Map Legend
  - Map Layers... ▶
  - Map Options... ▶

Key features highlighted with arrows and text labels:

- Crear, Open, Cerrar, Guardar un fichero** (Create, Open, Close, Save a file) points to the **File** menu.
- Visualización Geográfica** (Geographic Visualization) points to the **Map** menu.
- Adicionar, Reemplazar ó Editar fuentes de datos** (Add, Replace or Edit data sources) points to the **Data** menu.

# Importar ficheros - conectar los datos



Microsoft Excel file...

Arrastra y Soltar

Conectar  
a un fichero ó  
a un servidor  
donde estén los datos

Hoja de trabajo activa

Revisar que se hayan cargado los datos correctamente

F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
null	null	null	null	null	Data.F4	null	null	null	null
null	null	null	null	2,003.00	2,004.00	2,005.00	2,006.00	2,007.00	2,008.00
Afghanistan	GDP (current US\$)	4,128,820,723.05	4,583,644,246.48	5,285,465,685.86	6,275,073,571.55	7,057,598,406.62	9,843,842,455.48	10,190,525,882.49	12,496,941.00
Angola	GDP (current US\$)	12,497,846,669.67	14,188,949,190.62	19,640,848,728.89	28,233,712,830.90	41,789,478,661.31	60,448,921,272.23	84,178,032,716.10	75,492,384.00
Albania	GDP (current US\$)	4,435,078,647.79	5,745,945,912.58	7,314,865,175.62	8,195,548,716.69	8,992,642,348.79	10,701,111,896.77	12,881,352,687.78	12,044,212.00
Andorra	GDP (current US\$)	1,733,116,883.12	2,398,645,598.19	2,935,659,299.73	3,257,899,080.96	3,543,256,805.92	4,016,972,351.49	4,007,353,156.58	3,660,533.00
Arab World	GDP (current US\$)	72,051,715,403.45	82,110,541,440.46	96,862,340,520.58	1,184,661,549,595.13	1,404,113,530,000.68	1,637,573,196,970.62	2,078,115,659,876.48	1,795,819,601.00
United Arab Emirates	GDP (current US\$)	109,816,201,497.62	124,346,359,066.71	147,824,370,319.95	180,617,018,379.85	222,116,541,465.21	257,916,133,424.10	315,474,615,738.60	253,547,738.00
Argentina	GDP (current US\$)	97,724,004,251.60	127,585,973,492.02	164,657,930,452.79	198,73,705,012.80	232,557,760,817.31	287,530,508,430.57	361,558,037,110.42	332,976,484.00
Armenia	GDP (current US\$)	2,376,335,648.40	2,807,061,008.69	3,576,615,240.42	4,903,469,950.09	6,384,451,606.14	9,206,301,700.40	11,662,040,713.88	8,647,933.00
American Samoa	GDP (current US\$)	514,000,000.00	527,000,000.00	512,000,000.00	503,000,000.00	496,000,000.00	520,000,000.00	563,000,000.00	678,000.00
Antigua and Barbuda	GDP (current US\$)	814,615,323.70	855,643,099.63	919,577,142,520	1,022,912,294.07	1,157,005,441.48	1,311,401,318.89	1,368,431,037.04	1,224,251.00
Australia	GDP (current US\$)	394,635,830,891.59	466,853,323,282.06	613,329,776,639.64	693,767,409,562,72	747,572,626,534.89	853,764,622,752.61	1,055,334,825,425.25	92,168,310.00
Austria	GDP (current US\$)	213,377,771,503.86	261,695,776,781.04	300,904,221,504.10	315,974,418,604.70	335,998,557,270.10	388,691,445,387.35	430,294,287,388.31	401,172,299.00
Azerbaijan	GDP (current US\$)	6,235,795,703.89	7,726,013,031.97	8,680,472,186.52	13,245,716,099.01	20,983,019,923.89	33,050,343,782.78	48,852,482,960.08	44,291,494.00

# Importar ficheros - conectar los datos

The screenshot shows the Tableau Data Source interface. On the left, under 'Connections', there are two entries: 'Sample - EU Superstore' (Microsoft Excel) and 'Orders' (Microsoft Excel). Under 'Sheets', there are three entries: 'Cleaned with Data Interpreter' (checkbox checked), 'Review the results. (To undo changes, clear the check box.)', 'Orders', 'People', and 'Returns'. A green arrow points from the 'Orders' sheet to the 'Orders' connection. Another green arrow points from the 'Orders' connection to the 'Orders' sheet. A red box highlights the 'Orders' connection. The main area displays a table titled 'Orders' with columns: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Postal Code, and City. The table contains approximately 30 rows of data.

1. Arrastrar y Soltar

Varias hojas...

The screenshot shows the Tableau Data Source interface. On the left, under 'Connections', there is one entry: 'Sample - EU Superstore' (Microsoft Excel). Under 'Sheets', there are three entries: 'Cleaned with Data Interpreter' (checkbox checked), 'Review the results. (To undo changes, clear the check box.)', 'Orders', 'People', and 'Returns'. A green arrow points from the 'Orders' sheet to the 'Orders' connection. Another green arrow points from the 'Orders' connection to the 'Orders' sheet. A red box highlights the 'Orders' connection. The main area displays a table titled 'Orders' with columns: Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Postal Code, and City. The table contains approximately 30 rows of data.

2. Arrastrar y Soltar

Fuentes de datos  
fichero excel con  
varias hojas

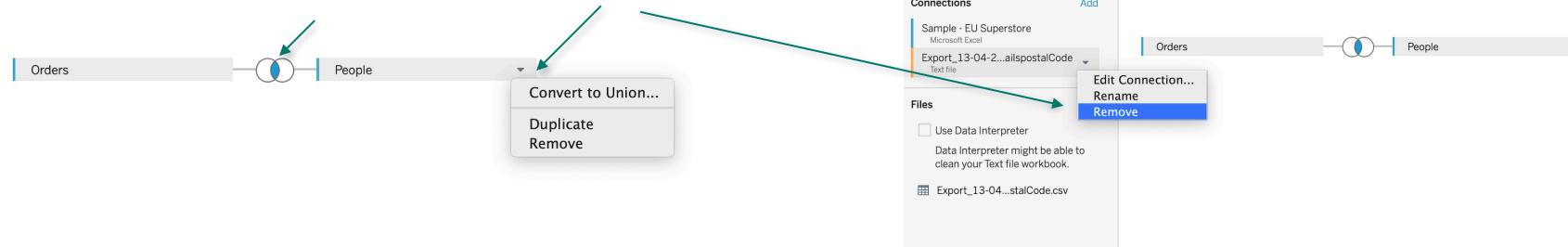
3.

Automáticamente  
se crea una unión  
entre las fuentes  
de datos

# Importar ficheros - conectar los datos

Sample - EU Superstore

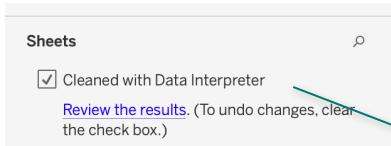
## Modificar la conexión



## Diferentes tipos de ficheros..

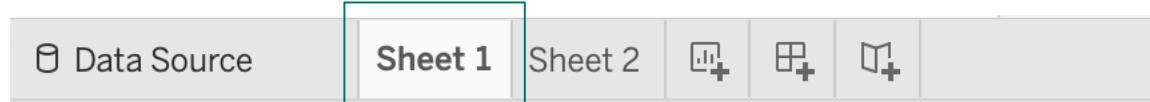
The screenshot shows the Tableau interface with multiple windows. One window displays 'Connections' (Sample - EU Superstore, Microsoft Excel) and 'Sheets' (Orders). Another window shows 'Add a Connection' with 'Text file' selected. A third window shows a file list with 'Export\_13-04-2...postalCode.csv' highlighted. A fourth window shows a 'Join' dialog with 'Data Source' (Orders) and 'Beneficio' selected. A large green arrow points from the highlighted file in the file list window towards the 'Join' dialog window.

Si encuentra  
coincidencia,  
Automáticamente se



## Desaparecen los null

Abc Data Indicator Name	# Data 2002	# Data 2003	# Data 2004	# Data 2005	# Data 2006	# Data 2007	# Data 2008	# Data 2009	# Data 2010
GDP (current US\$)	4,128,820,723.05	4,583,644,246.48	5,285,465,685.86	6,275,073,571.55	7,057,598,406.62	9,843,842,455.48	10,190,529,882.49	12,486,943,505.74	15,936,
GDP (current US\$)	12,497,346,669.67	14,188,949,190.62	19,640,848,728.89	28,233,712,830.90	41,789,478,661.31	60,448,921,272.23	84,178,032,716.10	75,492,384,801.37	82,470,
GDP (current US\$)	4,435,078,647.75	5,746,945,912.58	7,314,865,175.62	8,158,548,716.69	8,992,642,348.79	10,701,011,896.77	12,881,352,687.78	12,044,212,903.82	11,926,
GDP (current US\$)	1,733,116,883.12	2,398,645,598.19	2,935,659,299.73	3,255,789,080.96	3,543,256,805.92	4,016,972,351.49	4,007,353,156.58	3,660,530,702.97	3,355,



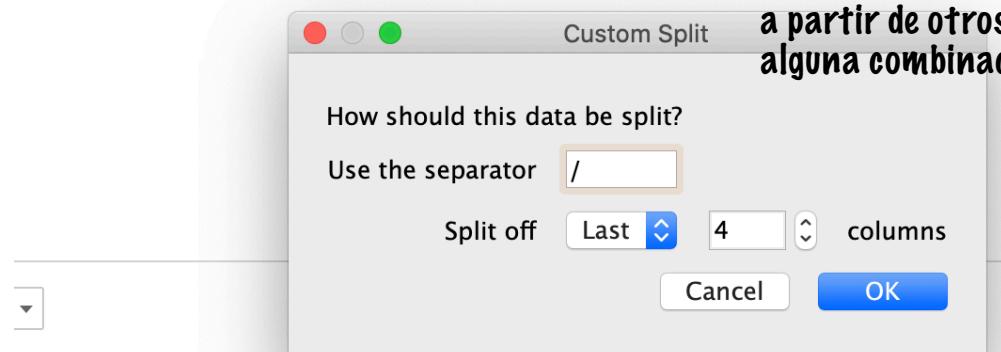
Click y abrir la hoja de trabajo

Nueva hoja de trabajo  
Nuevo Dashboard  
Nueva Story

Fuentes de datos

# Creación de Campos

a partir de otros o aplicando alguna combinación ...



Abc	Abc	Abc	Abc
Export_13-04-2020-Empres...	Rename	Export_13-04-2020-Empresa...	Export_13-04-2020-Empres...
Founding Date	Reset Name	@Type (Identifier)	Property ID

31/12/2001

- Aliases...
- Create Calculated Field...
- Create Group...
- Split
- Custom Split...
- Describe...

Separar campos - split ó  
customizar el split

Abc	=Abc	=Abc	=Abc
Export_13-04-2020-Empres...	Calculation	Calculation	Calculation
Founding Date	Founding Date - S...	Founding Date - S...	Founding Date - S...

31/12/2001 31 12 2001

Abc	=Abc
Export_13-04-2020-Empresa...	=Abc Calculation dominio
Url	=Abc Calculation dominio
http://www.adidas.es	adidas.es
http://www.tubacex....	tubacex.com
http://www.guardian...	guardian.com
http://www.tubosreun...	tubosreunidos.com
http://www.quesogr...	quesogran capitán.co
http://www.bancSAB...	bancSABAELL.com
http://www...	comercial

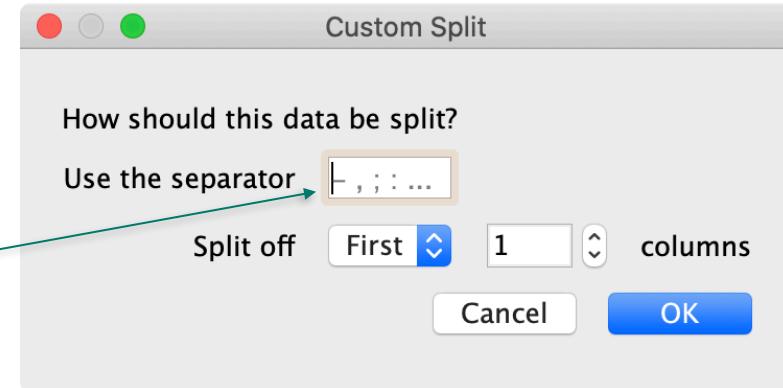
- Edit...
- Rename
- Copy Values
- Hide
- Delete
- Aliases...
- Create Calculated Field...
- Create Group...
- Split
- Custom Split...

Crea una dirección de email a partir del dominio

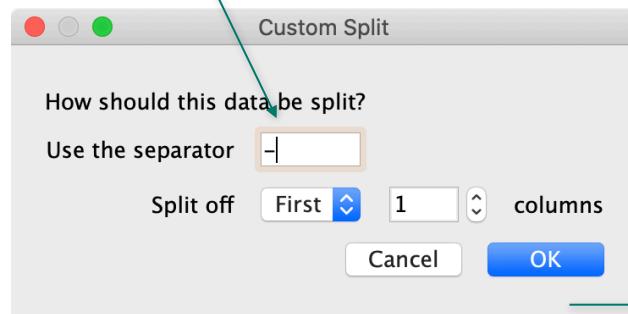
The calculation is valid.

Apply OK

#	Abc Orders ID Fila	Abc Orders ID Pedido
1	ES-2019-131103	2019
2	ES-2019-131103	2019
3	ES-2019-131103	2019
4	ES-2019-131103	2019
5	ES-2019-131103	2019
6	ES-2019-131103	2019
7	ES-2019-131103	2019
8	ES-2017-5113958	02/08/2017
		07/08/2017



Cuando encuentra el separador crea 1 columna



	Abc Orders ID Pedido	=Abc Calculation ID Pedido - Split 1
1	ES-2019-1311038	ES
2	ES-2019-1311038	ES
3	ES-2019-1311038	ES
4	ES-2019-1311038	ES

	Abc	Orders	ID Pedido
1	ES-2019-131103		
2	ES-2019-131103		
3	ES-2019-131103		
4	ES-2019-131103		
5	ES-2019-131103		
6	ES-2019-131103		
7	ES-2019-131103		

Cuando encuentra el separador crea las columnas automáticamente.

	Abc	=Abc	=#	=#
	Orders	Calculation	Calculation	Calculation
	ID Pedido	ID Pedido - Split 1	ID Pedido - Split 2	ID Pedido - Split 3
1	ES-2019-1311038	ES	2019	1311038
2	ES-2019-1311038	ES	2019	1311038
3	ES-2019-1311038	ES	2019	1311038
4	ES-2019-1311038	ES	2019	1311038
5	ES-2019-1311038	ES	2019	1311038
6	ES-2019-1311038	ES	2019	1311038
7	ES-2019-1311038	ES	2019	1311038

JSON file...

Tableau - Book1

Connections  
Export\_13-04-...presasDetails JSON file

Files  
\_.16-12-2019 - Hokkaido.txt  
\_.DCAG1.json  
16-12-2019 - Hokkaido.txt  
data.txt  
dbmongoCode.txt  
DCAG1.json  
empresas\_ok\_1...268669120.txt  
Export\_13-04-20...sasDetails.json  
Export\_13-04-2...alCodeGIS.json  
New Union

Export\_13-04-2020-EmpresasDetails

Select Schema Levels

The schema levels you select determine which dimensions and measures are available for analysis in the worksheet.

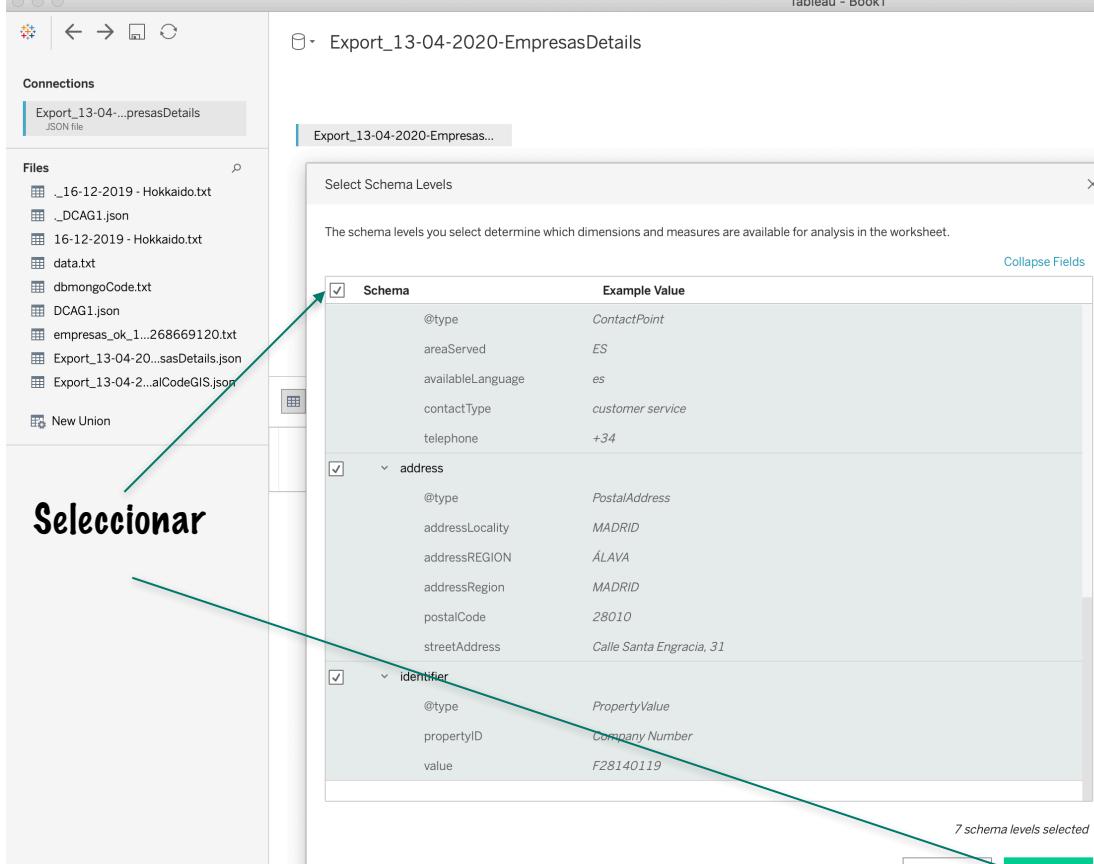
Collapse Fields

Schema	Example Value
@type	ContactPoint
areaServed	ES
availableLanguage	es
contactType	customer service
telephone	+34
address	
@type	PostalAddress
addressLocality	MADRID
addressREGION	ÁLAVA
addressRegion	MADRID
postalCode	28010
streetAddress	Calle Santa Engracia, 31
identifier	
@type	PropertyValue
propertyID	Company Number
value	F28140119

7 schema levels selected

Cancel OK

Seleccionar



Revisar que se hayan cargado los datos correctamente

## Columnas



#	Abc Export_13-04-2020-Empresa... Document Index (...)	Abc Export_13-04-2020-Empresa... \$Oid	Abc Export_13-04-2020-Empresa... @Type (Address)	Abc Export_13-04-2020-Empresa... Address Locality	Abc Export_13-04-2020-Empresa... Address REGION	Abc Export_13-04-2020-Empresa... Address Region	Abc Export_13-04-2020-Empresa... Postal Code	Abc Export_13-04-2020-Empresa... Street Address	Abc Export_13-04-2020-Empresa... Alternate Name	Abc Export_13-04-2020-Empresa... @tj
1	5e8f4e2e00de3e750...	PostalAddress	MADRID	null	MADRID	28010	Calle Santa Engracia,...	COFARES SOCIEDAD ...	COF	
2	5e8f4e2e00de3e750...	PostalAddress	ARAZURI	null	NAVARRA	31170	POLÍGONO INDUSTRI...	VOLKSWAGEN NAVA...	COI	
3	5e8f4e2e00de3e750...	PostalAddress	GETAFE	null	MADRID	28906	Avenida John Lennon...	AIRBUS DEFENCE AN...	COI	
4	5e8f4e2e00de3e750...	PostalAddress	BARCELONA	null	BARCELONA	08028	Av. Diagonal 621-629	CRITERIA CAIXA SA	COI	
5	5e8f4e2e00de3e750...	PostalAddress	POZUELO DE ALARCÓN	null	MADRID	28224	CAMINO CERRO DE L...	CD SUPPLY INNOVATI...	COI	
6	5e8f4e2e00de3e750...	PostalAddress	TRES CANTOS	null	MADRID	28760	AVENIDA DE LOS ENC...	MICHELIN ESPAÑA P...	COI	
7	5e8f4e2e00de3e750...	PostalAddress	L'HOSPITALET DE LL...	null	BARCELONA	08908	AVENIDA GRAN VIA ...	NISSAN MOTOR IBER...	COI	
8	5e8f4e2e00de3e750...	PostalAddress	MADRID	null	MADRID	28042	Calle Ribera del Loira...	ENERGIA XXI COMER...	COI	
9	5e8f4e2e00de3e750...	PostalAddress	MADRID	null	MADRID	28050	Avda. de BURGOS, 89	RENAULT ESPAÑA CO...	COI	
10	5e8f4e2e00de3e750...	PostalAddress	SILLA	null	VALENCIA	46460	Avda. Alginet, 1	CONSUM S COOP V	COI	
11	5e8f4e2e00de3e750...	PostalAddress	VALENCIA	null	VALENCIA	46002	Pintor Sorolla N°8	BANKIA SA	COI	
12	5e8f4e2e00de3e750...	PostalAddress	BILBAO	null	VIZCAYA	48011	GRAN VIA 19-21	ALVEAN SUGAR SL	COI	
13	5e8f4e2e00de3e750...	PostalAddress	BARCELONA	null	BARCELONA	08018	Avenida Vilanova, 12	EDISTRIBUCION RED...	COI	
14	5e8f4e2e00de3e750...	PostalAddress	PRAT DE LLOBREGAT,...	null	BARCELONA	08820	Parque de Negocios ...	VUELING AIRLINES SA	COI	
15	5e8f4e2e00de3e750...	PostalAddress	BILBAO	null	VIZCAYA	48003	Avenida de San Adri...	I-DE REDES ELECTRIC...	COI	
16	5e8f4e2e00de3e750...	PostalAddress	BILBAO	null	VIZCAYA	48008	Plaza Euskadi n°me...	IBERDROLA SA	COI	

The screenshot shows the Tableau Data Source interface. On the left, the 'Dimensions' pane lists fields like Id, Address, Contact Point, and Export\_13-04-2020-EmpresasDetails. On the right, the 'Measures' pane lists Latitude, Longitude, Number of Records, and Measure Values. A green arrow points from the 'Dimensions' pane to the text 'Azul'. Another green arrow points from the 'Measures' pane to the text 'Verde'.

**Fuentes de datos**

**Azul**

Identifica automáticamente cuales son las dimensiones - Categorical Data - No puede tener Agregaciones - Datos Cualitativos - Valores Discretos. Genera un valor por cada uno de esos datos.

**Verde**

Identifica automáticamente cuales son las medidas - Numerical Data - Puede tener Agregaciones - Datos Cuantitativos - Valores Continuos - Puede tener un valor entre el inicio y final de ese rango

## Arrastre medidas ó dimensiones



Ó doble click para realizar un nuevo calculo

Sheet 1

Drop field here

Area de trabajo -  
crear las  
Visualizaciones  
Dashboards  
Storys

Drop field here

Drop field here



Diferentes  
tipos de  
Visualizaciones  
disponibles

The screenshot shows the Tableau interface with various components highlighted:

- Top Bar:** Shows 'Address REGION' selected in the 'Rows' dropdown.
- Sheet 1 Area:** Labeled 'Area de trabajo - crear las Visualizaciones Dashboards Storys'. It has two 'Drop field here' placeholder boxes.
- Visual Shelf:** A grid of visualization icons representing different types of charts and maps.
- Filters:** A section labeled 'Analizar campos específicos' with a 'Filters' card containing 'Address REGION'.
- Marks:** A section labeled 'Filtrar datos' with a 'Marks' card showing options: Automatic, Color, Size, Text, Detail, and Tooltip.
- Bottom Text:** 'Select or drag data' and 'Use the Shift or Cmd key to select multiple fields'.
- Bottom Labels:** 'Color', 'Tamaño', 'Etiquetas', and 'Detalles para los campos'.

Abc Measure Names

Measures

- Latitude (generated)
- Longitude (generated)
- Number of Records
- Measure Values

Tableau genera automáticamente, tanto dimensiones como medidas a partir de los datos originales.

Export 13-04-2020-EmpresasDetails

Abc Alternate Name

Abc Description

# Document Index (generated)

- Number (decimal)
- Number (whole)
- Date & Time
- Date
- String
- Default
- Geographic Role ►

Abc Telephone

Abc Url

Este campo es de tipo Numérico  
No tiene Rol Geográfico

Address

- Abc @Type (Address)
- Abc Address Locality
- Abc Address Region
- Abc Address REGION
- Postal Code

Number (decimal)

Number (whole)

Date & Time

Date

String

Default

Geographic Role ►

None

Airport

Area Code (U.S.)

CBSA/MSA (U.S.)

City

Congressional District (U.S.)

Country/Region

County

NUTS Europe

State/Province

ZIP Code/Postcode

Tableau reconoce que es un campo que tiene un rol geográfico, ZIP Code y que es de tipo String

Address

- Abc @Type (Address)
- Abc Address Locality
- Abc Address Region
- Abc Address REGION

Number (decimal)

Number (whole)

Date & Time

Date

String

Default

Geographic Role ►

None

Airport

Area Code (U.S.)

CBSA/MSA (U.S.)

City

Congressional District (U.S.)

Country/Region

County

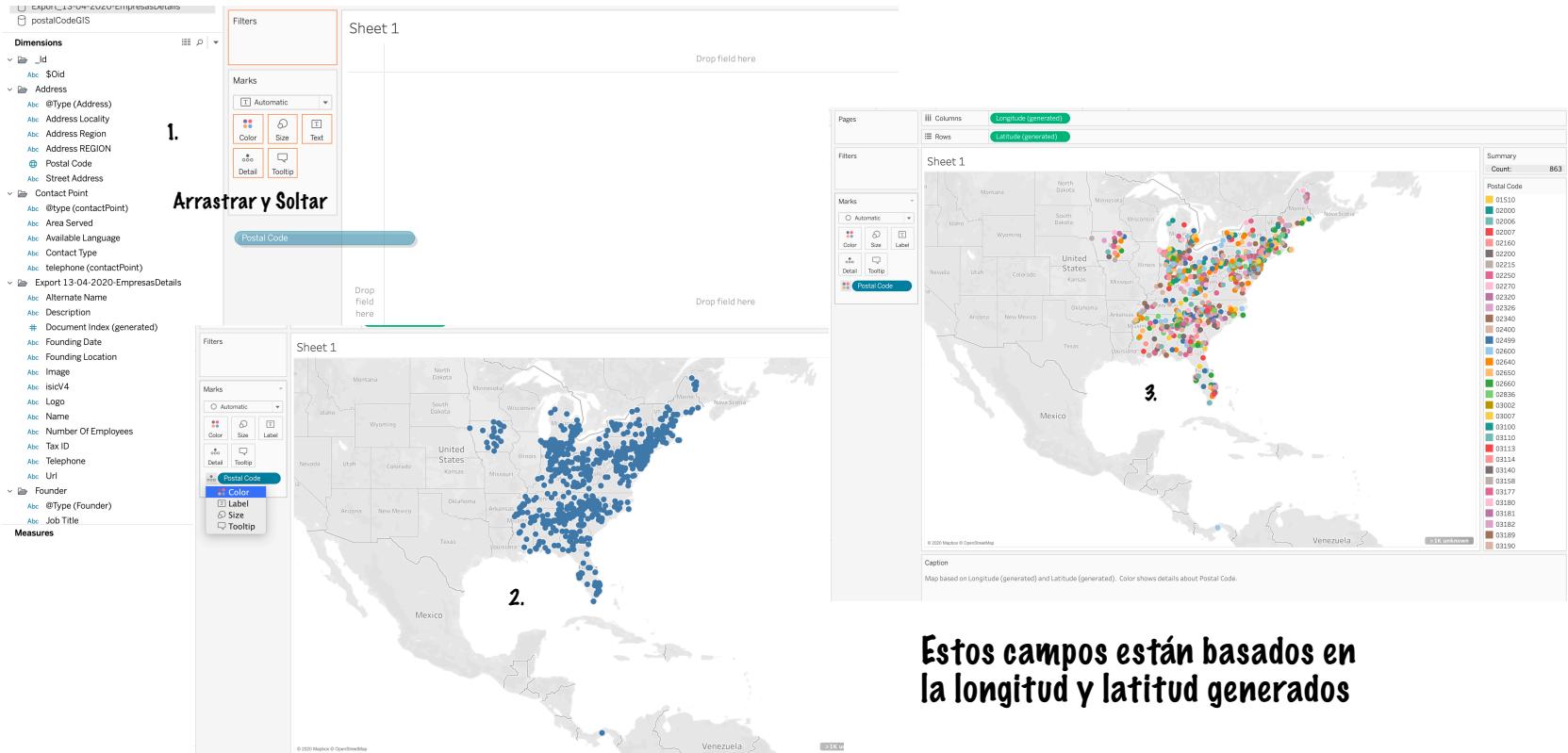
NUTS Europe

State/Province

ZIP Code/Postcode

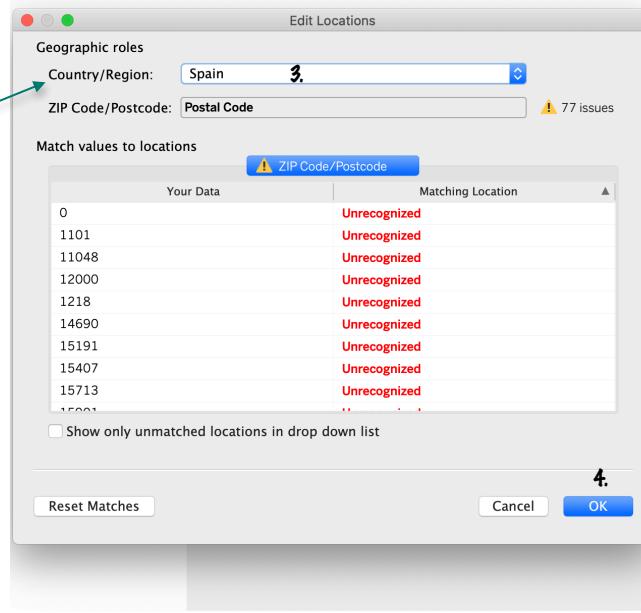
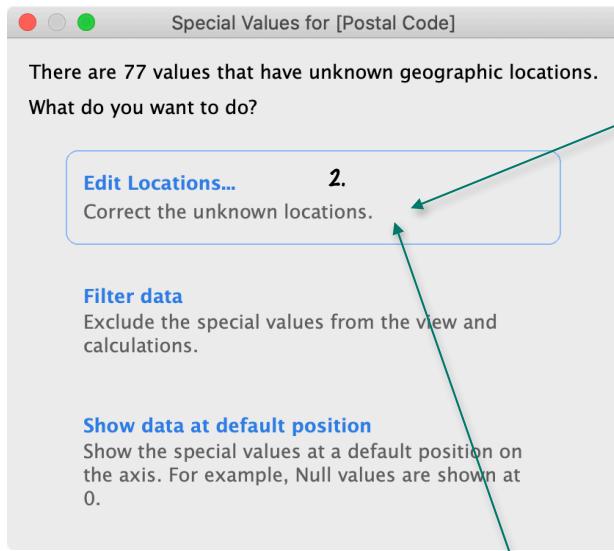
Create from ►

Este campo es de tipo String No tiene Rol Geográfico



**Estos campos están basados en la longitud y latitud generados**

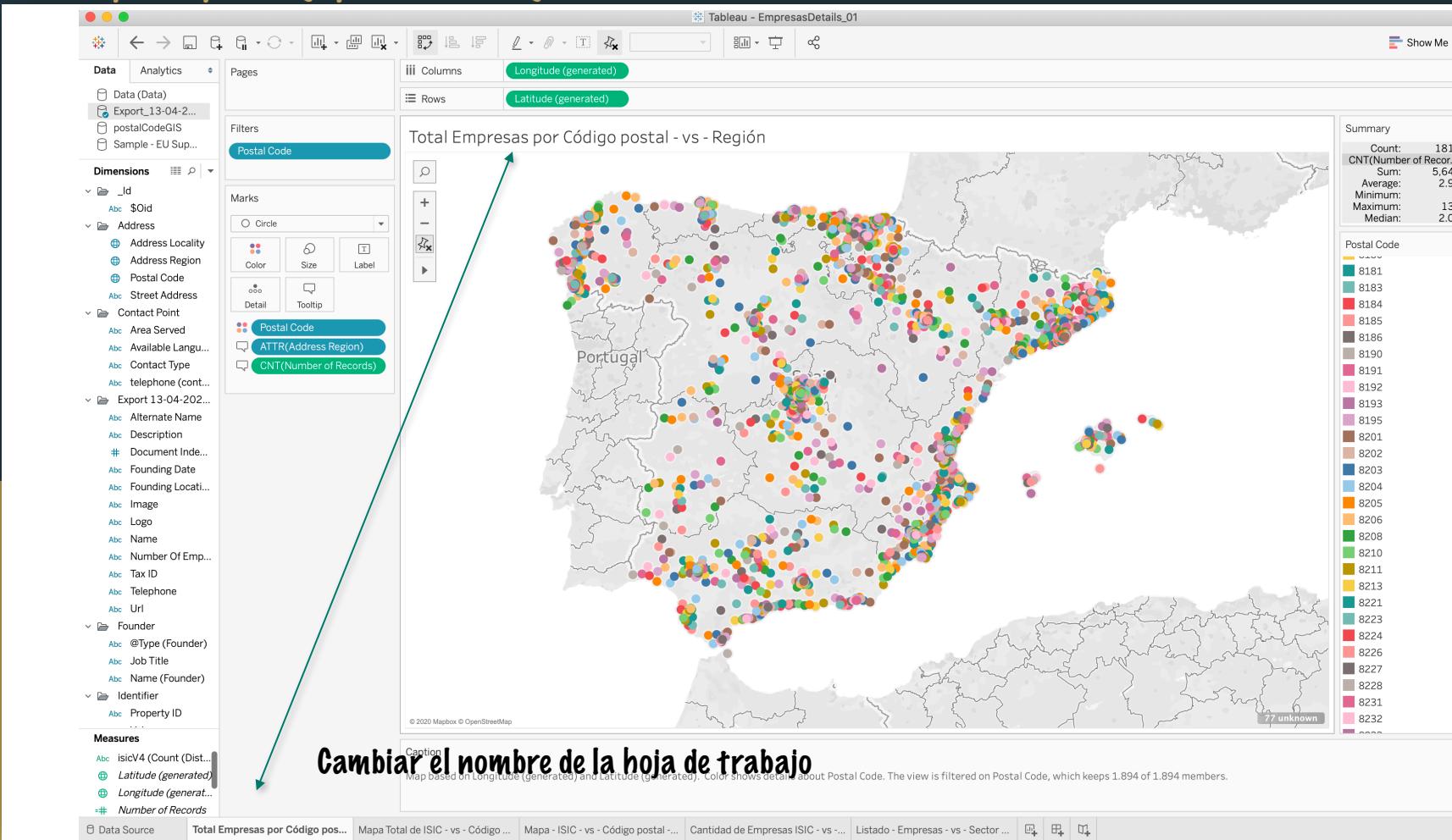
# Cambiar el País

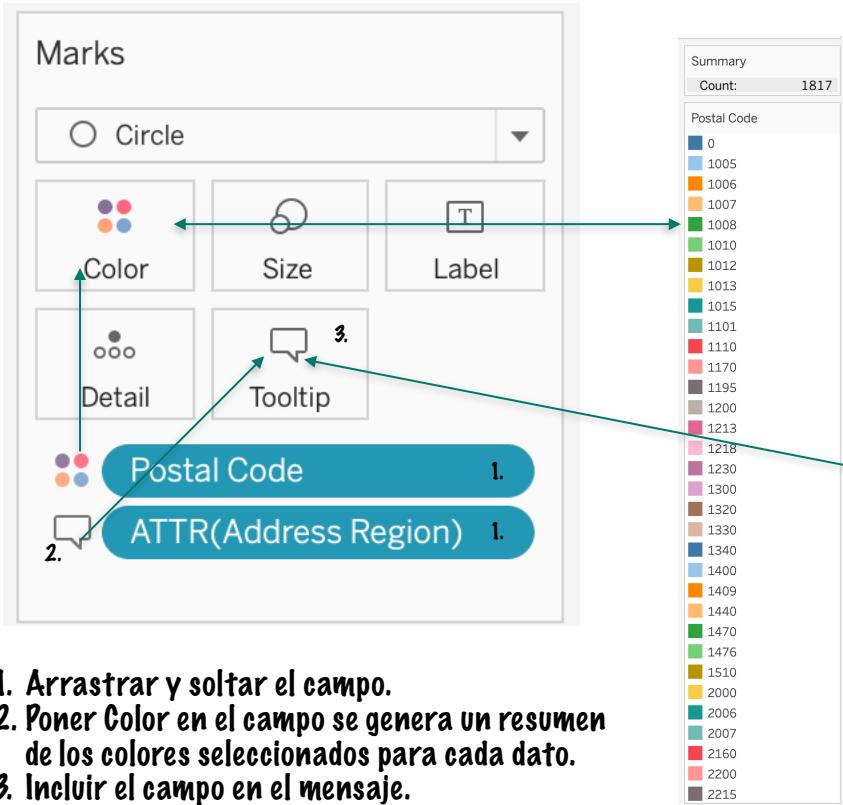


Doble click y seleccionar Edit Locations...

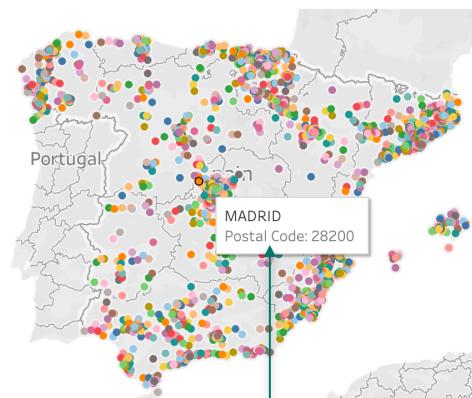
Cambiar el nombre en el campo Country/Region

# Total Empresas por Código postal - vs - Región



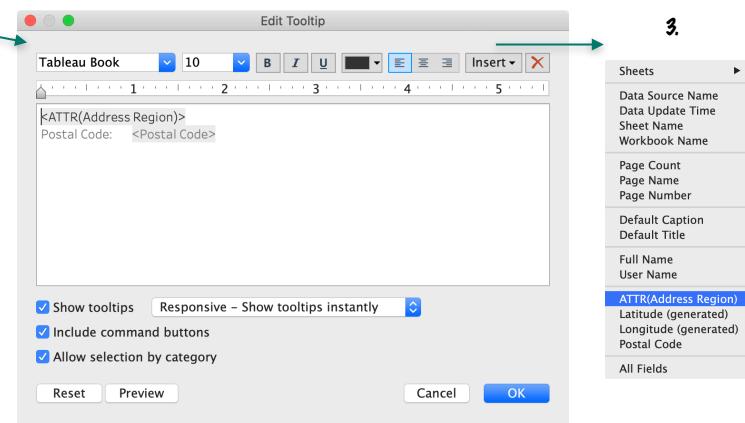


1. Arrastrar y soltar el campo.
2. Poner Color en el campo se genera un resumen de los colores seleccionados para cada dato.
3. Incluir el campo en el mensaje.



2.

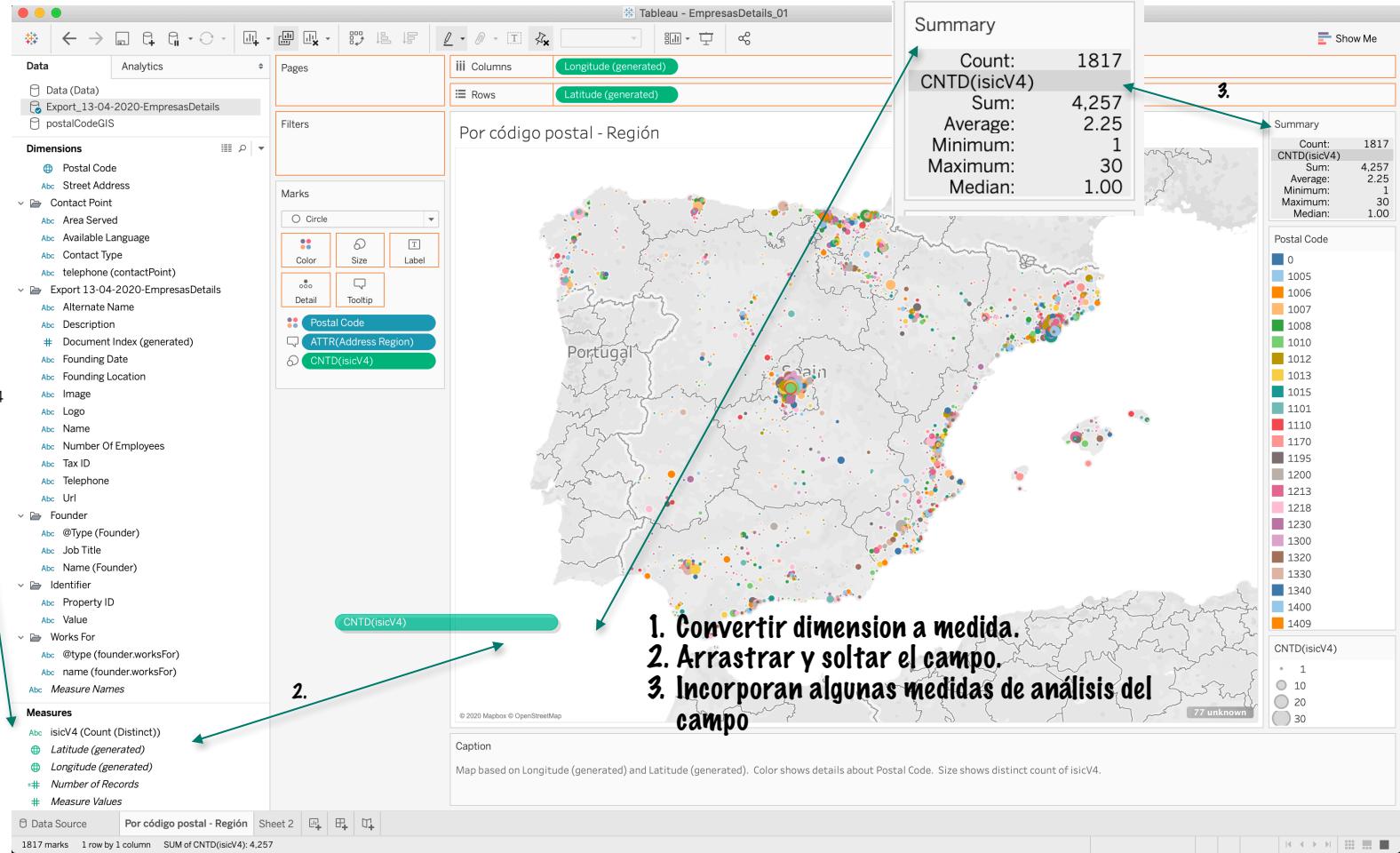
### Adicionar Atributos en el mensaje



3.

Sheets
Data Source Name
Data Update Time
Sheet Name
Workbook Name
Page Count
Page Name
Page Number
Default Caption
Default Title
Full Name
User Name
ATTR(Address Region)
Latitude (generated)
Longitude (generated)
Postal Code
All Fields

# Mapa Total de ISIC - vs - Código postal - vs - Región



# Mapa Total de ISIC - vs - Código postal - vs - Región

**Tableau - EmpresasDetails\_01**

Tableau Book

5.

KATTR(Address Region)>  
Postal Code: <Postal Code>  
ISIndustrial Clasification: <CNTD(isicV4)>

Show tooltips   Responsive - Show tooltips instantly  
Include command buttons  
Allow selection by category

Reset   Preview   Cancel   OK

Summary

Count	1817
CNTD(isicV4)	1817
Sum	4,257
Average	2.25
Minimum	1
Maximum	30
Median	1.00

Postal Code

- 0
- 1005
- 1006
- 1007
- 1008
- 1010
- 1012
- 1013
- 1015
- 1101
- 1110
- 1170
- 1195
- 1200
- 1213
- 1218
- 1230
- 1300
- 1320
- 1330
- 1340
- 1400
- 1409

CNTD(isicV4)

4. Editar el tamaño dependiendo de la cantidad  
5. Actualizar el mensaje.

4.

Edit sizes...  
Format Legends...  
✓ Show Title  
Edit Title...  
✗ Hide Card

Sample legend:

Sizes vary:  
By range  
Mark size range:  
Smallest  
Reversed  
Start value for range   End value for range

Largest

1   10   20   30

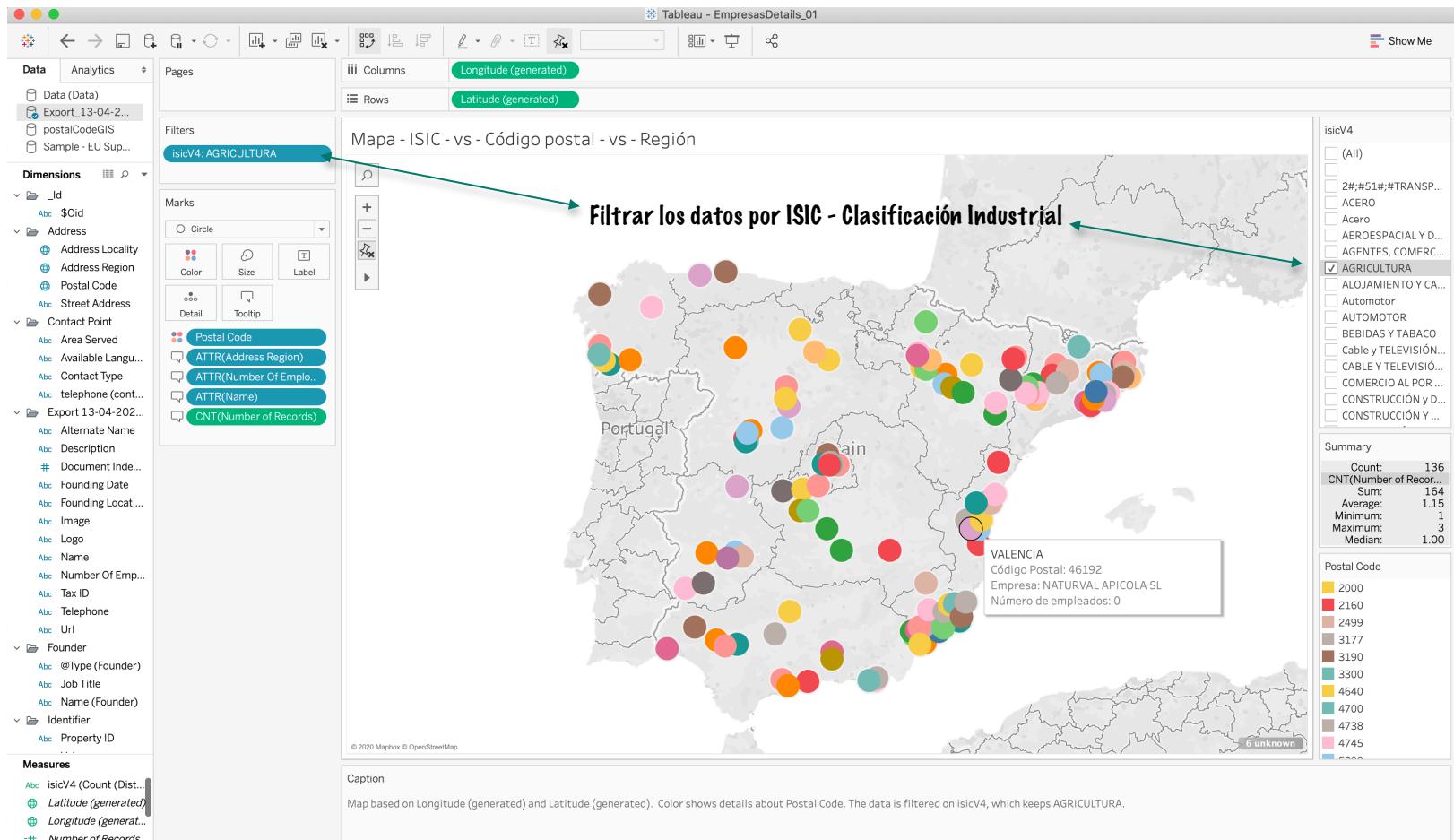
Reset   Apply   Cancel   OK

Data Source   Por código postal - Región   Sheet 2

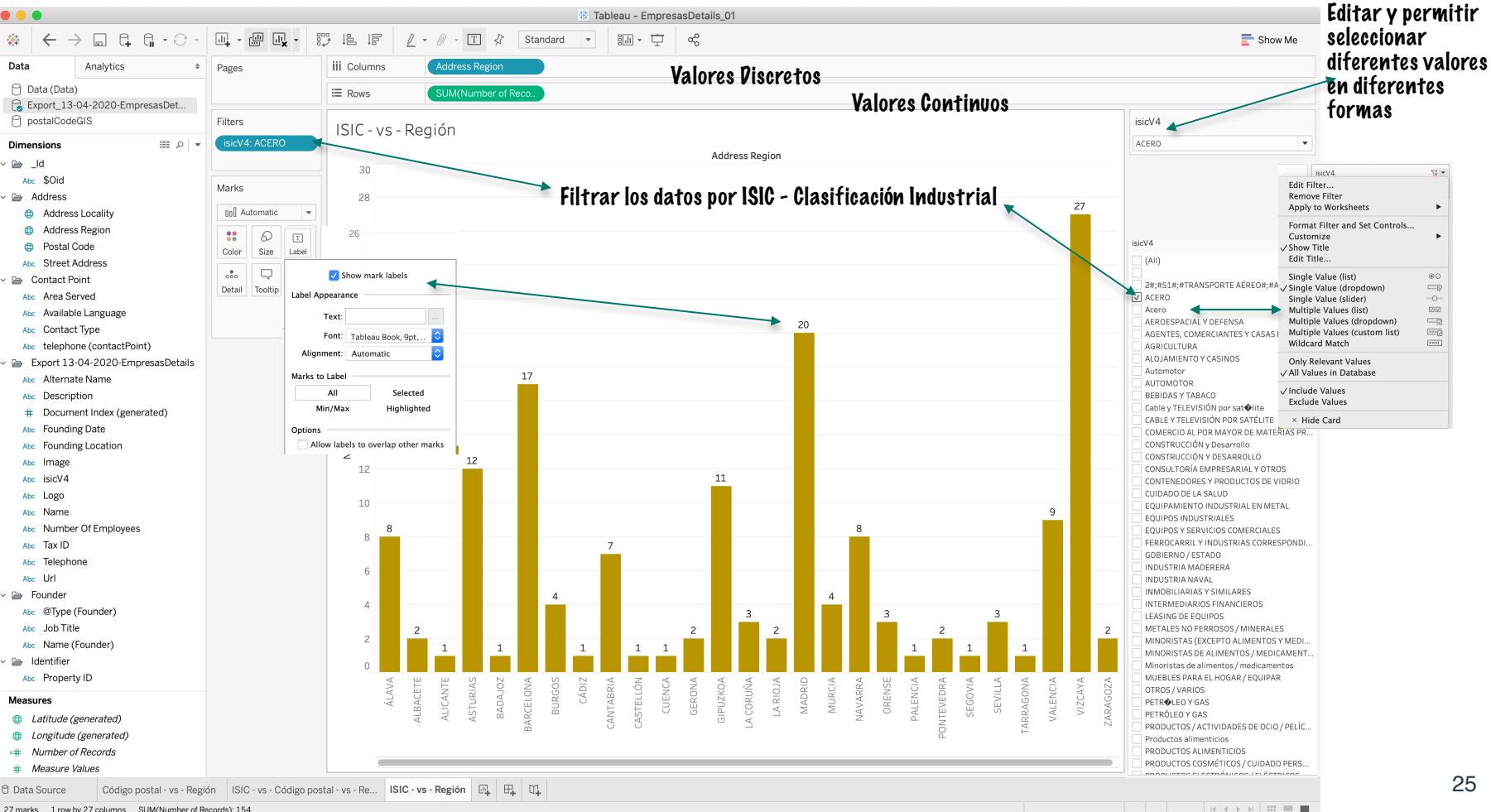
1817 marks   1 row by 1 column   SUM of CNTD(isicV4): 4,257

23

# Mapa ISIC - vs - Código postal - vs - Región



# Cantidad de Empresas ISIC - vs - Región



## Cantidad de Empresas de por ISIC - vs - Región

Data Analytics

Pages

Filters

isicV4

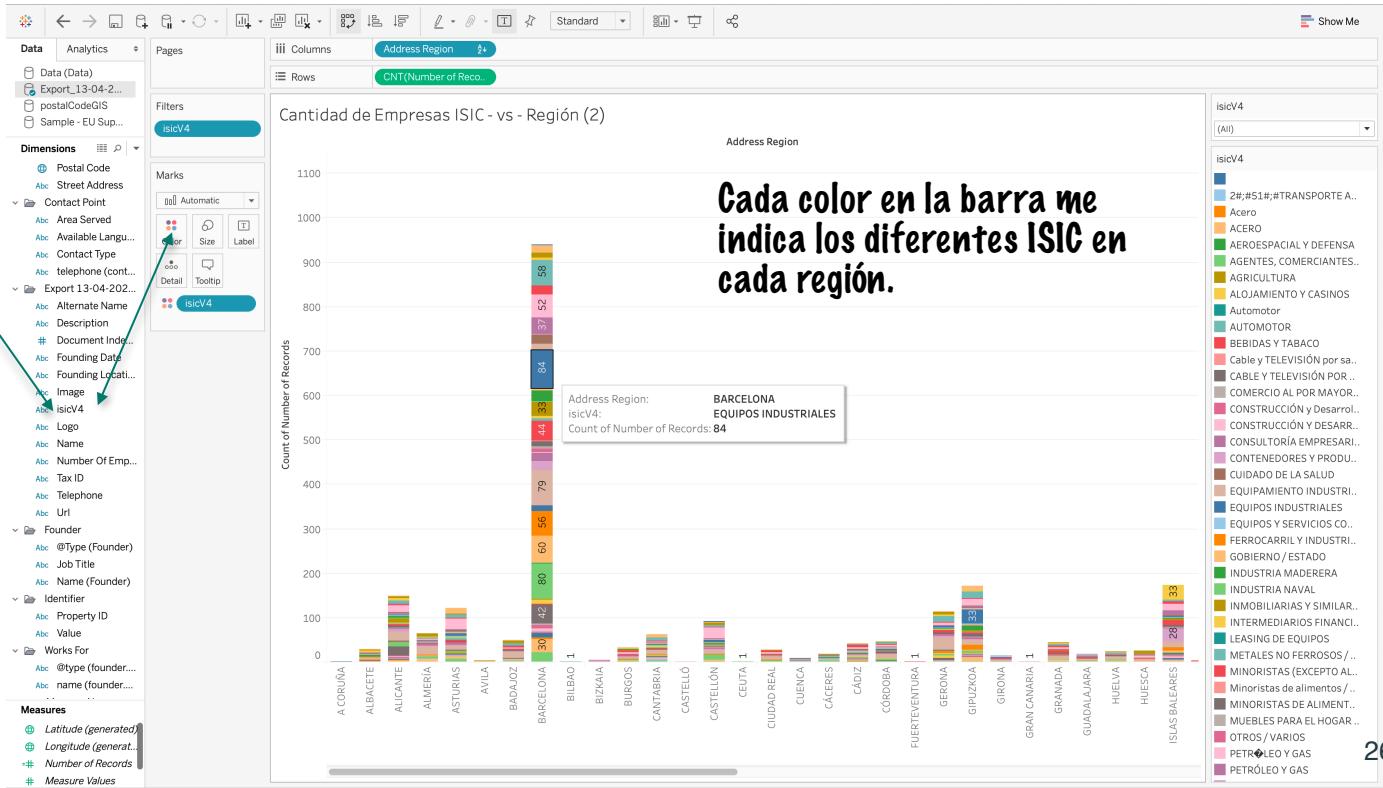
Dimensions

- Postal Code
- Street Address
- Contact Point
  - Area Served
  - Available Langu...
  - Contact Type
  - telephone (cont...)
- Export 13-04-202...
- Alternate Name
- Description
- Document Inde...
- Founding Date
- Founding Locati...
- Image
- isicV4

Marks

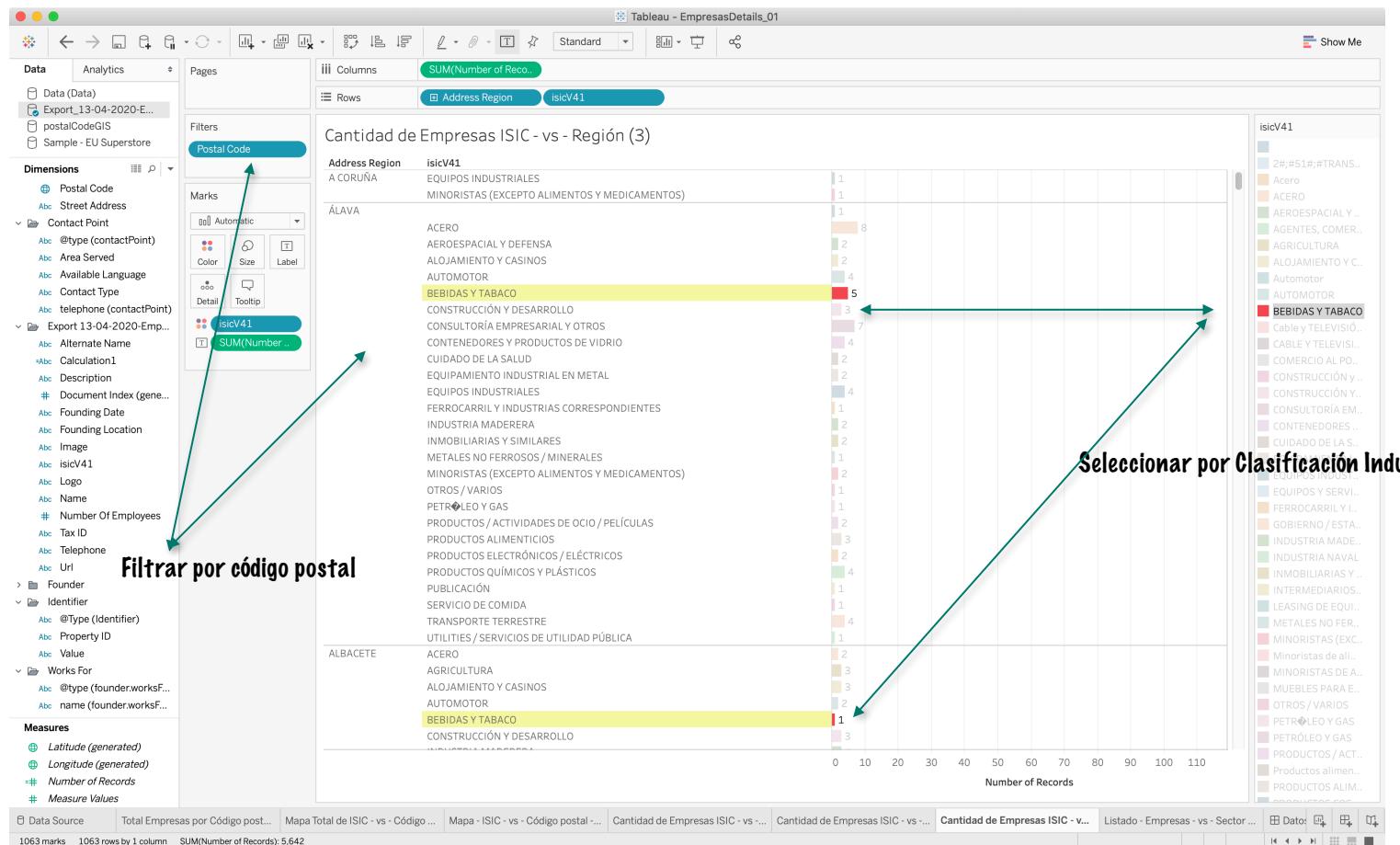
- Automatic
- Size
- Label
- Detail
- Tooltip

## Arrastre y Suelte una dimensión a Marks

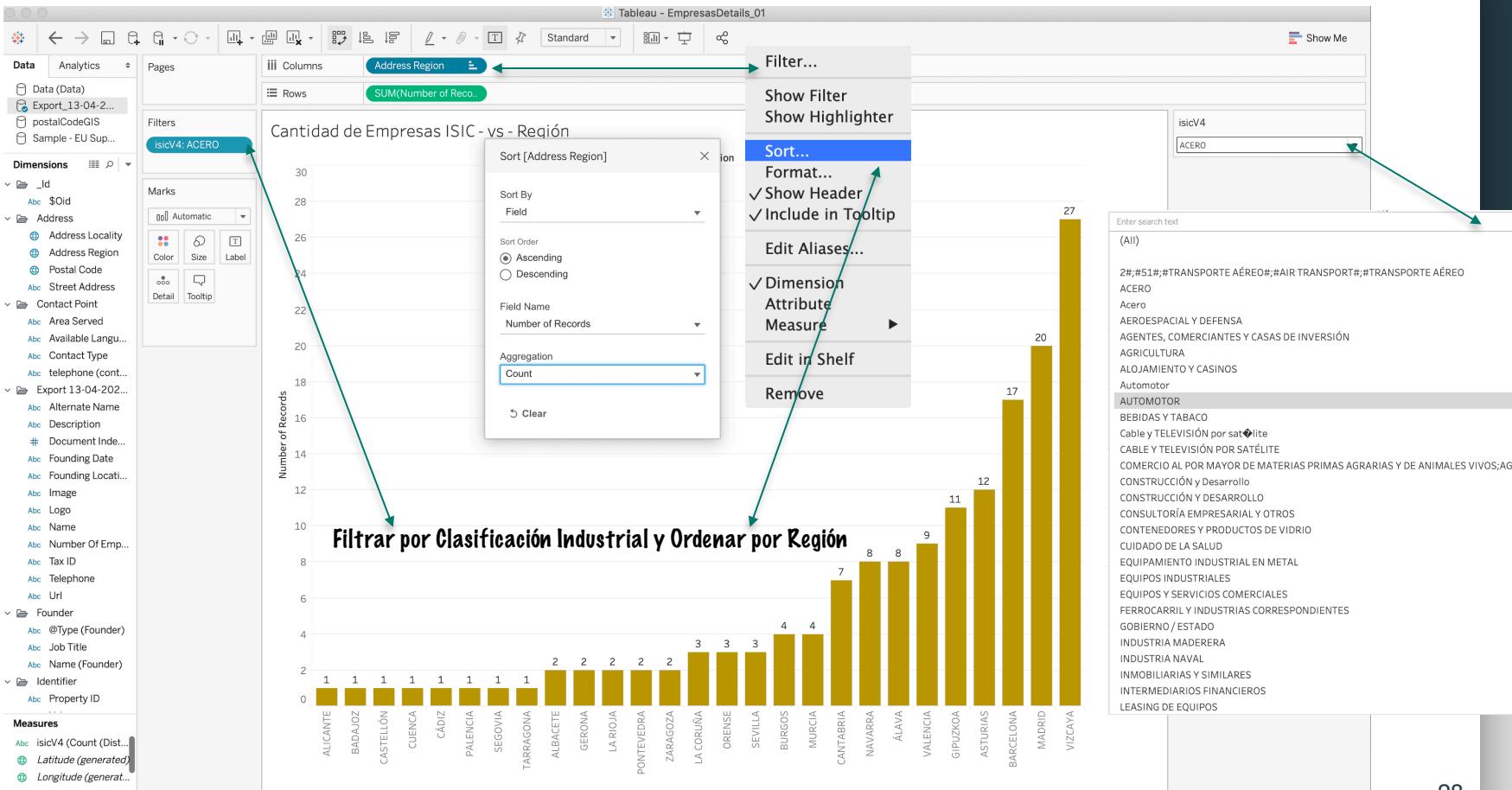


Cada color en la barra me indica los diferentes ISIC en cada región.

# Empresas de por ISIC - vs - Región



# Cantidad de Empresas de un ISIC - vs - Región



# Listado - Empresas - vs - Sector - Región

Tableau - EmpresasDetails\_01

Show Me

Data Analytics

Pages

Address Region Name Number Of Employees Url Telephone

Filters isicV4: ACERO

Marks Automatic Color Size Text Detail Tooltip

**Listado - Empresas - vs - Sector - Región**

Address Region	Name	Number Of Employees	Url	Telephone	
ÁLAVA	ARATUBO SA	181	http://www.aratubo.com	+34945290659	
	CASTMETAL VITORIA	186	http://www.castmetalvitoria.com	+34945290000	
	ESTAMPACIONES RUBI SA	157	http://www.estampaciones-rubi.com	+34945260400	
	MUGAFIL SA	24	http://www.mugafil.com	+34944161622	
	TUBACEX SERVICE SOLUTIONS SA	25	http://www.tubacex.es	+34945393600	
	TUBACEX TUBOS INOXIDABLES SA	642	http://www.tubacex.com	+34946719300	
	TUBOS MECANICOS NORTE SA	53	http://tubosmechanicos.es	+34945399833	
ALBACETE	TUBOS REUNIDOS INDUSTRIAL SL	747	http://www.tubosreunidos.com	+34945897100	
	PARCISA SA	207	http://www.parcisa.com	+34967141533	
	PARCITANK SA	199	http://www.parcitank.com	+34967140855	
	ALICANTE	DEFORMAC SL	0	http://	+34
		ACEROS AVILES SA	39	http://www.grupohmf.com	+34985563804
		ARCELORMITTAL CASISA SA	21	http://	+34932230362
		ARCELORMITTAL DISTRIBUCION SL	135	http://ds.arcelormittal.com	+34985260400
ASTURIAS		ARCELORMITTAL ESPAÑA SA	6.716	http://spain.arcelormittal.com	+34985187000
		ARCELORMITTAL INNOVACION INVESTIGACION E INVERSION SL	154	http://	+34985126621
		FUNDICIONES Y SERVICIOS SA	41	http://www.fundyser.com	+34985136664
	HIERROS Y APLANACIONES SA	264	http://www.hiasa.com	+34985050361	
	NORTESA DE COMERCIALIZACION SIDERURGICA SA	14	http://www.norsider.es	+349850303730	
	OTM SISTEMAS CONSTRUCTIVOS SL	0	http://www.canalon.es	+34985980755	
	SERVICIOS COMERCIALES METALURGICOS SERCOMET SL	4	http://www.sercomet.es	+34985319000	
BADAJEZ	VEROT SA	50	http://www.verot.com	+34985514906	
	AG SIDERURGICA BALBOA SA	541	http://www.grupoag.es	+34924759010	
	BARCELONA	ACEROS PARA LA CONSTRUCCION SA	143	http://www.gcampesa.com	+34937730485
		ALACER MAS SL	119	http://www.alacermas.com	+34938814770
		BARCELONESA DE METALES SA	41	http://www.bamesa.com	+34933700500
		CATALANA DE SIDERURGICOS ESPECIALES SA	9	http://www.casider.com	+34934882626
		COMERCIAL DE LA FORJA SA	0	http://www.comforsta.com	+34932417272
ESTAMPACIONES FOGA SA		ESTAMPACIONES FOGA SA	17	http://www.estampacionesfoga.com	+34936850120
		FERULES I VALVULES SL	18	http://	+34938505473
	GINDRE TORNOS SL	0	http://www.gindretorns.com	+34935889542	
	GONVAUTO SA	138	http://	+34913791900	
	GUAL STEEL SL	8	http://www.gualstainless.com	+34938023805	
	GUTSER SA	87	http://www.gutser.com	+34936532357	
	METALES CASINO SL	16	http://www.metalescasino.com	+34935806481	
SEBASTIOLLORENS SL	SEBASTIOLLORENS SL	89	http://www.llorensgmr.com	+34938704253	
	TECNICAS DE DEFORMACION METALICA SL	6	http://	+34937184073	

isicV4

- (All)
- 2;#;#TRANSP...
- ACERO
- Acero
- AEROSPACE Y D...
- AGENTES, COMERC...
- AGRICULTURA
- ALOJAMIENTO Y CA...
- Automotor
- AUTOMOTOR
- BEBIDAS Y TABACO
- Cable y TELEVISIÓN...
- CABLE Y TELEVISIÓN...
- COMERCIO AL POR...
- CONSTRUCCIÓN Y D...
- CONSTRUCCIÓN Y...
- CONSULTORÍA EMP...
- CONTENEDORES Y...
- CUIDADO DE LA SAL...
- EQUIPAMIENTO IN...
- EQUIPOS INDUSTRI...
- EQUIPOS Y SERVICI...
- FERROCARRIL Y IN...
- GOBIERNO / ESTADO
- INDUSTRIA MADER...
- INDUSTRIA NAVAL
- INMOBILIARIAS Y S...
- INTERMEDIARIOS F...
- LEASING DE EQUIP...
- METALES NO FERR...
- MINORISTAS (EXCE...
- MINORISTAS DE AL...
- Minoristas de alim...
- MUEBLES PARA EL ...
- OTROS / VARIOS
- PETRÓLEO Y GAS
- PETRÓLEO Y GAS
- PRODUCTOS / ACTI...
- Productos alimenti...
- PRODUCTOS ALIME...
- PRODUCTOS COSM...
- PRODUCTOS ECU...

**Filtrar los datos por ISIC Clasificación Industrial**

# Listado - Empresas - vs - Sector - Región

Tableau - EmpresasDetails\_01

Show Me

**Data Analytics**

- Data (Data)
- Export\_13-04-2...
- postalCodeGIS
- Sample - EU Sup...

**Dimensions**

- \_id
- \$Oid
- Address
- Address Locality
- Address Region
- Postal Code
- Street Address
- Contact Point
- Area Served
- Available Langu...
- Contact Type
- Telephone (cont...
- Export 13-04-202...
- Alternate Name
- Description
- Document Inde...
- Founding Date
- Founding Locati...
- Image
- isicV4
- Logo
- Name
- Number Of Emp...
- Tax ID
- Telephone
- Url
- Founder
- Type (Founder)
- Job Title
- Name (Founder)
- Identifier

**Measures**

- Latitude (generated)
- Longitude (generat...
- Number of Records
- Measure Values

**Pages**

**Columns**

**Rows**

Address Region, Name, Number Of Employees, Url, Telephone

**Listado - Empresas - vs - Sector - Región**

**Permite ordenar el campo**

**Cambiar el tipo a Numérico**

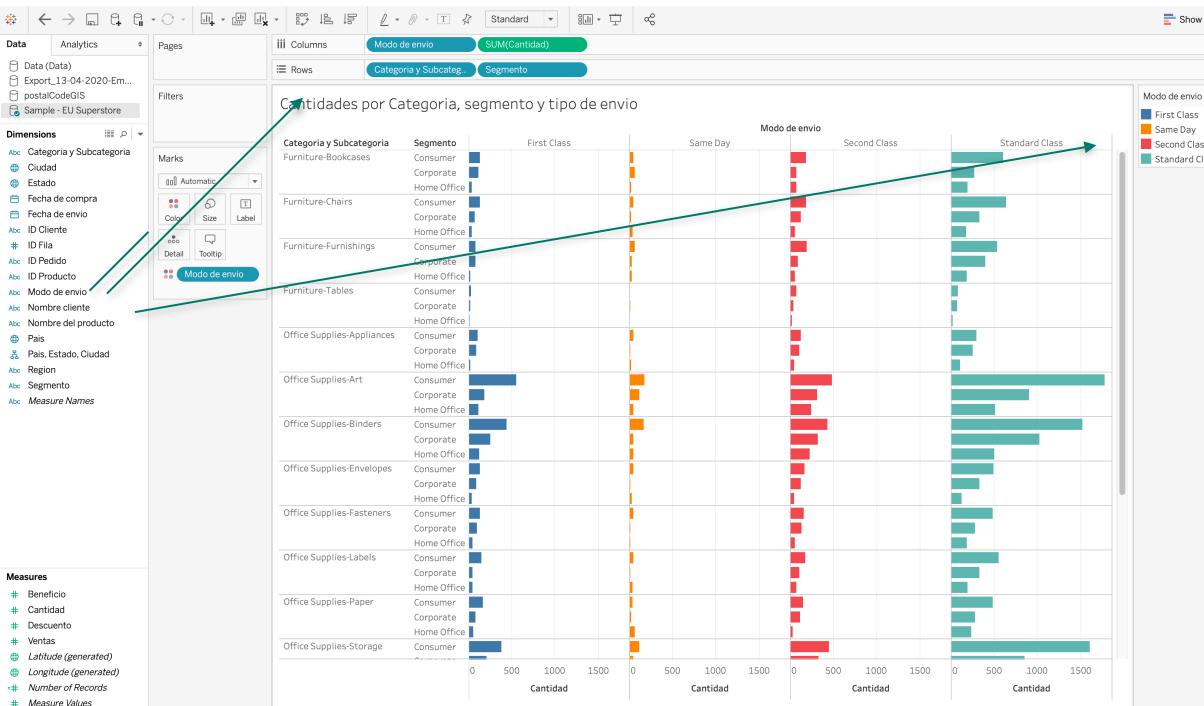
# Number Of E...

Address Region	Name	Number Of Employees	Url	Telephone
ALAVA	TUBOS REUNIDOS INDUSTRIAL SL	747	http://www.tubosreunidos.com	+34945897100
	TUBACEX TUBOS INOXIDABLES SA	642	http://www.tubacex.com	+34946719300
	CASTMETAL VITORIA SL	186	http://	+34945290000
	ARATUBO SA	181	http://www.aratubo.com	+34945290659
	ESTAMPACIONES RUBI SA	157	http://www.estampaciones-rubi.com	+34945260400
	TUBOS MECANICOS NORTE SA	53	http://tubosmechanicos.es	+34945399833
	TUBACEX SERVICE SOLUTIONS SA	25	http://www.trouwnutrition.es	+34945393600
	MUGAFIL SA	24	http://www.mugafil.com	+34944161622
LABACETE	PARCISA SA	207	http://www.parcisa.com	+34967141533
	PARCITANK SA	199	http://www.parcitank.com	+34967140855
LICANTE	DEFORMAC SL	0	http://	+34
ISTURIAS	HIERROS Y APLANACIONES SA	264	http://www.hiasa.com	+34985505361
	ARCELORMITTAL INNOVACION INVESTIGACION E INVERSION SL	154	http://	+34985126621
	ARCELORMITTAL DISTRIBUCION SL	135	http://ds.arcelormittal.com	+34985260400
	VEROT SA	50	http://www.verot.com	+34985514906
	FUNDICIONES Y SERVICIOS SA	41	http://www.fundyser.com	+34985136664
	ACEROS AVILES SA	39	http://www.grupohfm.com	+34985563804
	ARCELORMITTAL FACICA CA	21	http://	+34932230362
		14	http://www.norsider.es	+34985303730
		6	http://spain.arcelormittal.com	+34985187000
		4	http://www.sercomet.es	+34985319000
		0	http://www.canalon.es	+34985980755
VIZCAYA	AG SIDERURGICA BALBOA SA	541	http://www.grupoag.es	+34924759010
VALLADOLID	ACEROS PARA LA CONSTRUCCION SA	143	http://www.gcampesa.com	+34937730485
VALLADOLID	GONVAUTO SA	138	http://	+34913791900
VALLADOLID	ALACER MAS SL	119	http://www.alacermas.com	+34938814770
VALLADOLID	VILARDELL PURTI SA	95	http://www.vilardellpurti.net	+34938272720
VALLADOLID	SEBASTIOLLORENS SL	89	http://www.llorensgmr.com	+34938704253
VALLADOLID	GUTSER SA	87	http://www.gutser.com	+34936532357
VALLADOLID	XAVIER BISBAL SL	74	http://	+34935155959
VALLADOLID	BARCELONESA DE METALES SA	41	http://www.bamesa.com	+34933700500
VALLADOLID	FERULES I VALVULES SL	18	http://	+34938505473
VALLADOLID	ESTAMPACIONES FOGA SA	17	http://www.estampacionesfoga.com	+34936850120
VALLADOLID	METALES CASINO SL	16	http://www.metalescasino.com	+34935806481
VALLADOLID	CATALANA DE SIDERURGICOS ESPECIALES SA	9	http://www.casider.com	+34934882626
VALLADOLID	GUAL STEEL SL	8	http://www.gualstainless.com	+34938203805
VALLADOLID	TECNICAS DE DEFORMACION METALICA SL	6	http://	+34937184073

IsicV4

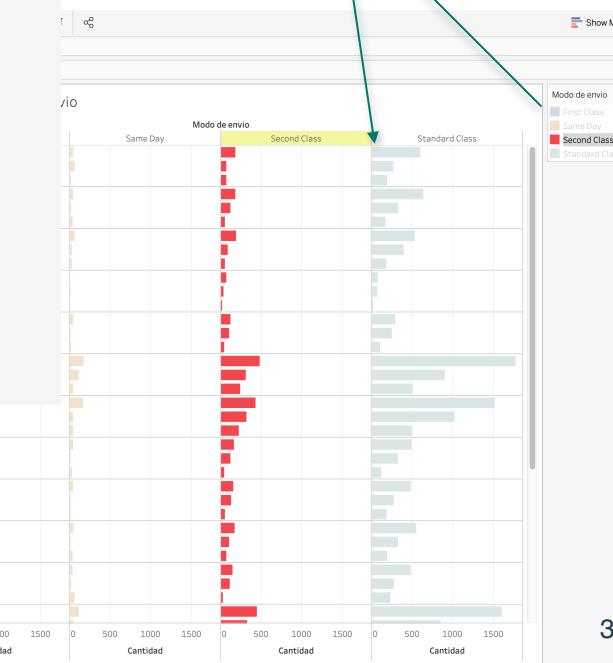
- (All)
- 2#;#TRANS...
- ACERO**
- Aero
- AEROESPACIAL Y D...
- AGENTES, COMERC...
- AGRICULTURA
- ALOJAMIENTO Y CA...
- Automotor
- AUTOMOTOR
- BEBIDAS Y TABACO
- Cable y TELEVISIÓN...
- CABLE Y TELEVISIÓN...
- COMERCIO AL POR...
- CONSTRUCCIÓN Y D...
- CONSTRUCCIÓN Y ...
- CONSULTORÍA EMP...
- CONTENEDORES Y ...
- CUIDADO DE LA SAL...
- EQUIPAMIENTO IN...
- EQUIPOS INDUSTRI...
- EQUIPOS Y SERVICI...
- FERRACCARI Y IN...
- GOBIERNO / ESTADO
- INDUSTRIA MADER...
- INDUSTRIA NAVAL
- INMOBILIARIAS Y S...
- INTERMEDIARIOS P...
- LEASING DE EQUIP...
- METALES NO FERR...
- MINORISTAS (EXCE...
- MINORISTAS DE AL...
- Minoristas de alim...
- MUEBLES PARA EL ...
- OTROS / VARIOS
- PETRÓLEO Y GAS
- PETRÓLEO Y GAS
- PRODUCTOS / ACTI...
- Productos alimenti...
- PRODUCTOS ALIME...
- PRODUCTOS COSMI...
- PRODUCTOS ELECT...

# Cantidades - vs - Categoría - y Tipo de Envío



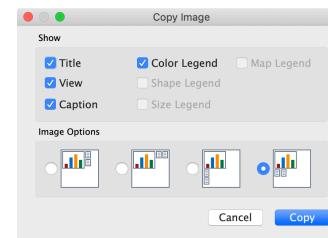
## Filtro automático

Se “resalta” al seleccionarlo



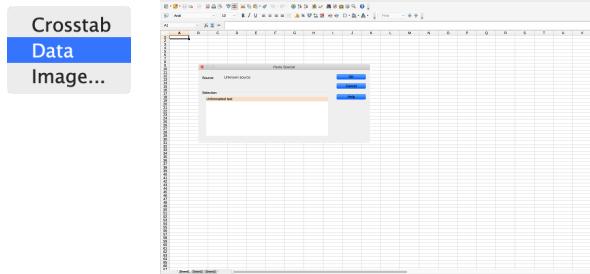
# Compartir como imagen, Exportar los datos a Excel

Opción para Compartir la imagen



Copy y después Paste la imagen ..

Opción para Exportar los datos



A screenshot of an Excel spreadsheet titled 'Anal'. The spreadsheet contains a large dataset with columns labeled A through U. The data includes categories like 'Furniture', 'Furniture Bedding', 'Furniture Bookcases', etc., and details such as 'First Class', 'Second Class', 'Consumer', 'Home Office', and numerical values ranging from 1 to 156. The spreadsheet has three tabs at the bottom: 'Sheet1', 'Sheet2', and 'Sheet3'.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Categoría	A	Modelo	Segundo Clase	Consumidor																
2	Furniture	Bedrooms	First Class	Consumer	156																
3	Furniture	Bedrooms	Second Class	Consumer	149																
4	Furniture	Bedrooms	Same Day	Consumer	26																
5	Furniture	Bedrooms	Standard Class	Consumer	65																
6	Furniture	Bedrooms	Same Day	General	63																
7	Furniture	Bedrooms	Standard Class	General	10																
8	Furniture	Bedrooms	Second Class	General	73																
9	Furniture	Bedrooms	Same Day	Home Office	10																
10	Furniture	Bedrooms	Standard Class	Home Office	10																
11	Furniture	Bedrooms	First Class	Consumer	624																
12	Furniture	Bedrooms	Second Class	Consumer	273																
13	Furniture	Bedrooms	Same Day	Home Office	10																
14	Furniture	Bedrooms	Standard Class	Home Office	10																
15	Furniture	Chairs	First Class	Consumer	32																
16	Furniture	Chairs	Second Class	Consumer	14																
17	Furniture	Chairs	Same Day	Consumer	41																
18	Furniture	Chairs	Standard Class	Consumer	16																
19	Furniture	Chairs	Same Day	General	164																
20	Furniture	Chairs	Second Class	General	164																
21	Furniture	Chairs	Same Day	Home Office	25																
22	Furniture	Chairs	Second Class	Home Office	25																
23	Furniture	Chairs	Same Day	General	10																
24	Furniture	Chairs	Standard Class	General	58																
25	Furniture	Chairs	Same Day	Consumer	11																
26	Furniture	Chairs	Standard Class	Consumer	11																
27	Furniture	Chairs	First Class	Home Office	15																
28	Furniture	Chairs	Second Class	Home Office	15																
29	Furniture	Chairs	Same Day	General	15																
30	Furniture	Chairs	Standard Class	General	15																
31	Furniture	Chairs	Same Day	Home Office	28																
32	Furniture	Chairs	Second Class	Home Office	28																
33	Furniture	Furnishings	Second Class	General	15																
34	Furniture	Furnishings	Standard Class	General	15																
35	Furniture	Furnishings	Same Day	Consumer	627																
36	Furniture	Furnishings	Standard Class	Consumer	304																
37	Furniture	Furnishings	Standard Class	Home Office	179																
38	Furniture	Furnishings	First Class	Consumer	28																
39	Furniture	Furnishings	Second Class	Consumer	28																
40	Furniture	Furnishings	Same Day	General	28																
41	Furniture	Furnishings	Standard Class	Consumer	66																
42	Furniture	Furnishings	Second Class	General	66																
43	Furniture	Furnishings	Same Day	Home Office	16																
44	Furniture	Furnishings	Second Class	Home Office	16																
45	Furniture	Furnishings	Same Day	General	16																
46	Furniture	Furnishings	Standard Class	General	70																
47	Furniture	Furnishings	Same Day	Consumer	102																
48	Office Supplies	Appliances	First Class	Consumer	15																
49	Office Supplies	Appliances	Second Class	Consumer	15																
50	Office Supplies	Appliances	First Class	Home Office	47																
51	Office Supplies	Appliances	Second Class	Home Office	47																
52	Office Supplies	Appliances	Same Day	Home Office	19																
53	Office Supplies	Appliances	Second Class	Home Office	101																
54	Office Supplies	Appliances	Same Day	General	101																
55	Office Supplies	Appliances	Standard Class	Consumer	201																
56	Office Supplies	Appliances	Same Day	General	201																
57	Office Supplies	Appliances	Standard Class	Consumer	201																
58	Office Supplies	Appliances	Standard Class	Home Office	105																
59	Office Supplies	Appliances	Second Class	Home Office	104																
60	Office Supplies	Art	First Class	Consumer	106																
61	Office Supplies	Art	Second Class	Consumer	106																
62	Office Supplies	Art	Same Day	Home Office	106																
63	Office Supplies	Art	Second Class	General	116																
64	Office Supplies	Art	Same Day	Consumer	116																
65	Office Supplies	Art	Second Class	General	47																
66	Office Supplies	Art	Same Day	Consumer	47																
67	Office Supplies	Art	Second Class	General	111																

# Crear una hoja nueva con los datos que representan la original

En el nombre de la hoja click derecho

New Worksheet  
New Dashboard  
New Story

Copy  
Paste  
Rename  
Delete

Duplicate  
**Duplicate as Crosstab**

Export...  
Hide All Sheets  
Unhide All Sheets

Copy Formatting  
Paste Formatting

Color

Cantidad por Categoría, seg...

Measures

Categoría y Subcategoría	Segmento	First Cl.	Same D...	Second ...	Standar...
Furniture-Bookcases	Consumer	130	46	60	604
	Corporate	109	63	73	270
	Home Office	36	13	68	193
Furniture-Chairs	Consumer	126	41	184	633
	Corporate	72	16	121	325
	Home Office	34	31	55	175
Furniture-Furnishings	Consumer	81	63	191	537
	Corporate	75	30	88	394
	Home Office	13	28	55	179
Furniture-Tables	Consumer	28	14	65	76
	Corporate	14	3	32	70
	Home Office	9	18	20	39
Office Supplies-Appliances	Consumer	105	47	121	291
	Corporate	83	10	101	246
	Home Office	15	19	47	102
Office Supplies-Art	Consumer	554	176	477	1.776
	Corporate	184	116	311	901
	Home Office	108	43	242	506
Office Supplies-Binders	Consumer	437	167	426	1.523
	Corporate	245	46	315	1.021
	Home Office	117	43	222	502
Office Supplies-Envelopes	Consumer	132	44	165	487
	Corporate	84	10	121	329
	Home Office	34	25	47	122
Office Supplies-Fasteners	Consumer	133	43	153	477
	Corporate	94	11	129	276
	Home Office	42	10	51	180
Office Supplies-Labels	Consumer	146	44	172	552
	Corporate	41	9	106	330
	Home Office	43	32	66	189
Office Supplies-Paper	Consumer	160	35	144	477
	Corporate	81	16	109	271
	Home Office	53	61	25	232
Office Supplies-Storage	Consumer	380	113	451	1.609
	Corporate	205	40	327	855
	Home Office	84	63	156	584
Office Supplies-Supplies	Consumer	107	31	174	574

Cantidad por Categoría, segmento y tipo de envío (2)

Categoría y Subcategoría / Segmento

Modo de envío	Furniture-Bookcases			Furniture-Chairs			Furniture-Furnishings			Furniture-Tables			Office Supplies-Applic		
	Consum.	Corpora...	Home Offic...	Consum.	Corpora...	Home Offic...	Consum.	Corpora...	Home Offic...	Consum.	Corpora...	Home Offic...	Consum.	Corpora...	
First Class	130	109	36	126	72	34	81	75	13	28	16	9	105	83	
Same Day	46	63	13	41	16	31	63	30	28	3	47	10			
Second Class	180	73	68	184	121	55	191	88	55	65	32	18	121	101	
Standard Cl.	604	270	193	633	325	175	537	394	179	78	70	20	291	246	

Intercambiar filas y columnas

**Columns** Categoría y Subcateg... Segmento

**Rows** Modo de envío Categoría y Subcateg...

**Data** Analytics Standard

**Dimensions**

- abc Categoría y Subcategoría
- ciudad
- estado
- fecha de compra
- fecha de envío
- ID cliente
- # ID fila
- abc ID Pedido
- abc ID Producto
- abc Modo de envío
- abc Nombre cliente
- abc Nombre del producto
- país
- país, estado, ciudad
- abc Región
- abc Segmento
- abc Measure Names

**Measures**

- # Beneficio
- # Cantidad
- # Descuento
- # Ventas
- Latitude (generated)
- Longitude (generated)
- # Number of Records
- # Measure Values

**Pages** Columns Segments

**Filters**

**Marks** Automatic

Color Size Text

Detail Tooltip

**SUM(Cantidad)**

**Cantidades por Categoría, segmento y tipo de envío**

Segmento		Consum.	Corpora...	Home O...
Modo de en...	Categoría y Subcategoría	130	109	36
First Class	Furniture-Bookcases	126	72	34
	Furniture-Chairs	81	75	13
	Furniture-Furnishings	28	16	9
	Office Supplies-Appliances	105	83	15
	Office Supplies-Art	554	184	108
	Office Supplies-Binders	437	245	117
	Office Supplies-Envelopes	132	84	34
	Office Supplies-Fasteners	133	94	42
	Office Supplies-Labels	146	41	43
	Office Supplies-Paper	160	81	53
	Office Supplies-Storage	380	205	84
	Office Supplies-Supplies	107	57	75
	Technology-Accessories	160	46	24
	Technology-Copiers	159	47	33
	Technology-Machines	103	83	16
	Technology-Phones	175	101	43
Same Day	Furniture-Bookcases	46	63	13
	Furniture-Chairs	41	16	31
	Furniture-Furnishings	63	30	28
	Furniture-Tables	3		
	Office Supplies-Appliances	47	10	19
	Office Supplies-Art	176	116	43
	Office Supplies-Binders	167	40	43
	Office Supplies-Envelopes	44	10	25
	Office Supplies-Fasteners	41	11	10
	Office Supplies-Labels	44	9	32
	Office Supplies-Paper	35	16	61
	Office Supplies-Storage	113	40	63
	Office Supplies-Supplies	31	23	9
	Technology-Accessories	39	13	8
	Technology-Copiers	30	38	17
	Technology-Machines	24	16	10
	Technology-Phones	50	26	21
Second Class	Furniture-Bookcases	180	73	68
	Furniture-Chairs	184	121	55
	Furniture-Furnishings	191	88	55

**Cantidades por Categoría, segmento y tipo de envío (2)**

Segmento		Consum.	Corpora...	Home O...
Modo de en...	Categoría y Subcategoría	130	109	36
First Class	Furniture-Bookcases	126	72	34
	Furniture-Chairs	81	75	13
	Furniture-Furnishings	28	16	9

Arrastrar y Soltar

Modificar el título

Edit Title...  
Reset Title  
**Hide Title**  
Format Title...

Segmento		Consum.	Corpora...	Home O...
Modo de en...	Categoría y Subcategoría	130	109	36
First Class	Furniture-Bookcases	126	72	34
	Furniture-Chairs	81	75	13

Vista completa

Show Me

Standard Fit Width Fit Height

Pages Columns Segments

Rows Modo de envío Entire View Segments

Segments Corporate Home Office

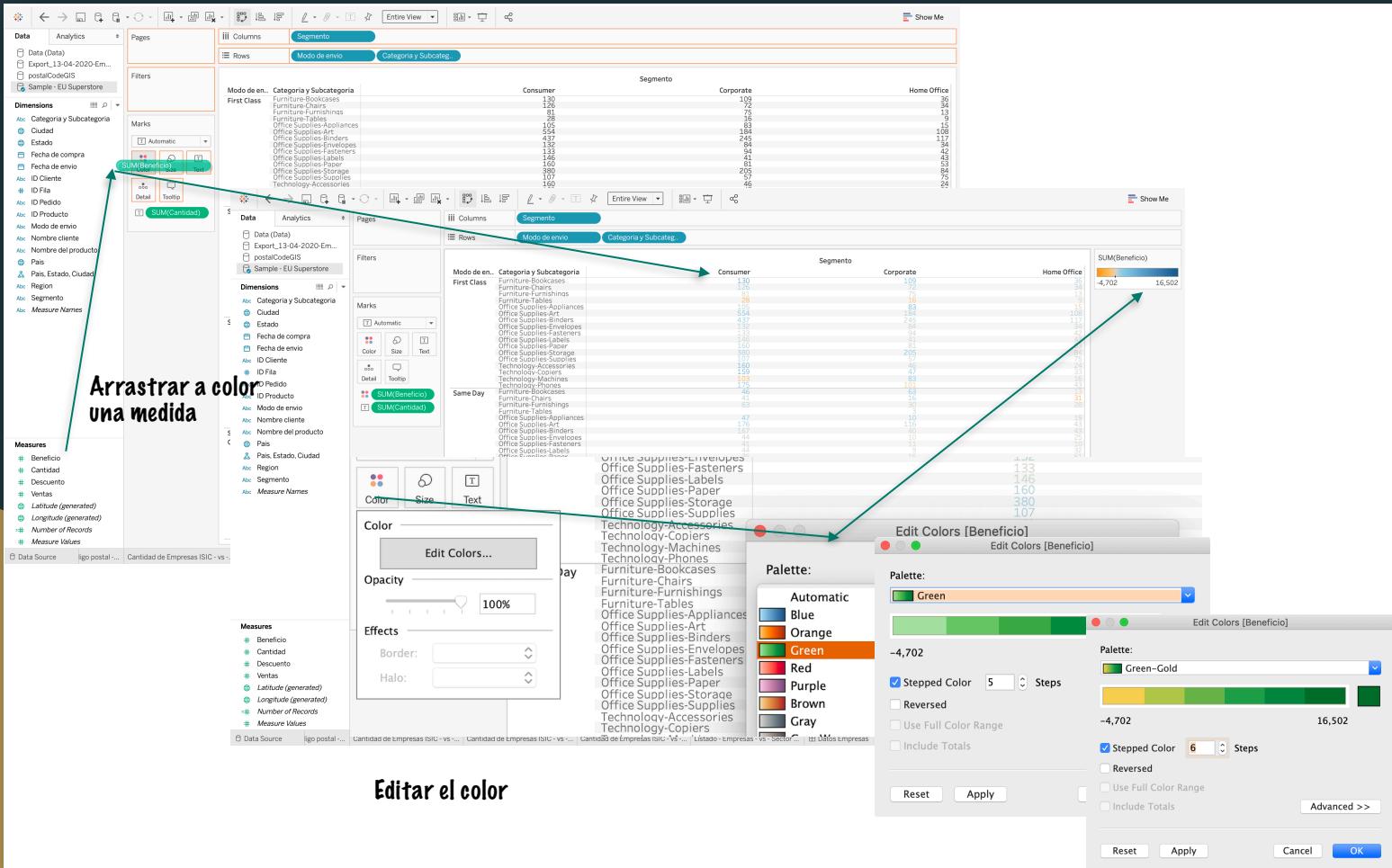
130	109	36
126	72	34
81	13	9
28	16	13
160	105	83
146	104	83
437	245	108
133	94	117
148	42	54
160	81	53
380	205	84
107	57	75
160	46	24
159	47	33
103	83	16
175	101	43
46	63	13
41	30	31
63	28	28
47	10	19
176	116	43
167	40	43
44	10	25
41	11	10
44	9	32
35	15	61
113	40	63
31	22	22
39	13	9
30	38	38
24	16	10
50	26	21
100	70	60
184	121	55
191	88	55
65	52	38
125	101	47
177	111	24
426	315	222
165	129	91
153	129	51
137	100	29
144	109	61
451	327	150
174	171	89
115	100	29
170	83	29
120	129	61
202	156	46
604	270	139
633	325	28

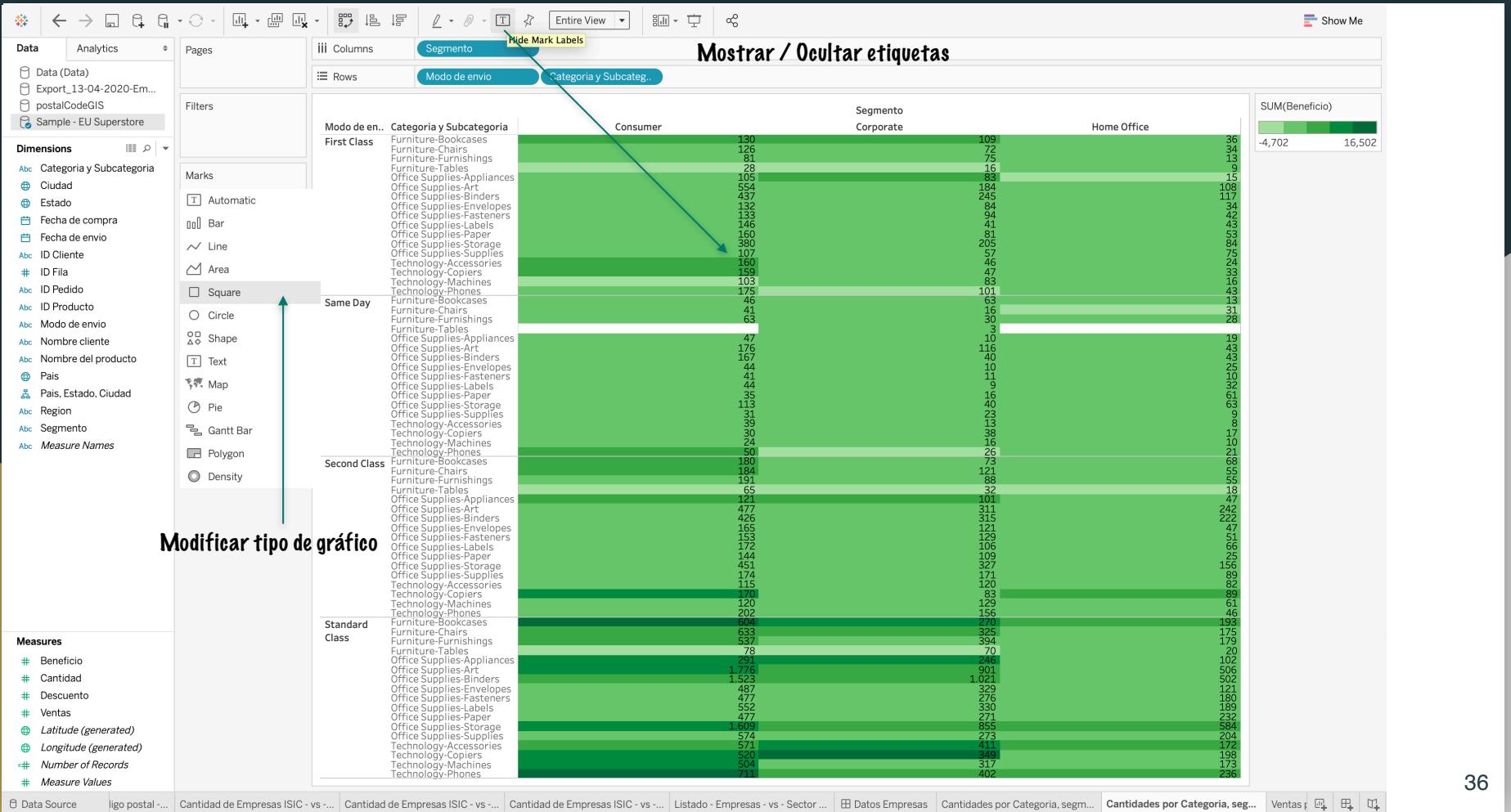
Standard Fit Width Fit Height

Pages Columns Segments

Rows Modo de envío Entire View Segments

Segments Corporate Home Office





The screenshot shows the Tableau Data Prep interface with a complex data flow and a visualization pane.

**Data Source:** Data (Data)

**Analytics:**

- Pages: Segmento
- Rows: Modo de envío, Categoría y Subcategoría
- Filters: Modo de en...
- Marks: Consumer, Corporate, Home Office

**Dimensions:**

- Categoría y Subcategoría
- Ciudad
- Estado
- Fecha de compra
- Fecha de envío
- ID Cliente
- ID Fila
- ID Pedido
- ID Producto
- Nombre cliente
- Nombre del producto
- País
- País, Estado, Ciudad
- Region
- Segmento
- Measure Names

**Measures:**

- Beneficio
- Cantidad
- Descuento
- Ventas
- Latitude (generated)
- Longitude (generated)
- Number of Records
- Measure Values

**Visualizations:**

- Entire View
- Show Filter
- Show Highlighter
- Sort...
- Format...
- Show Header
- Include in Tooltip
- Edit Aliases...
- Dimension
- Attribute
- Measure
- Edit in Shelf
- Remove

**Legend:** SUM(Beneficio) -4,702 16,502

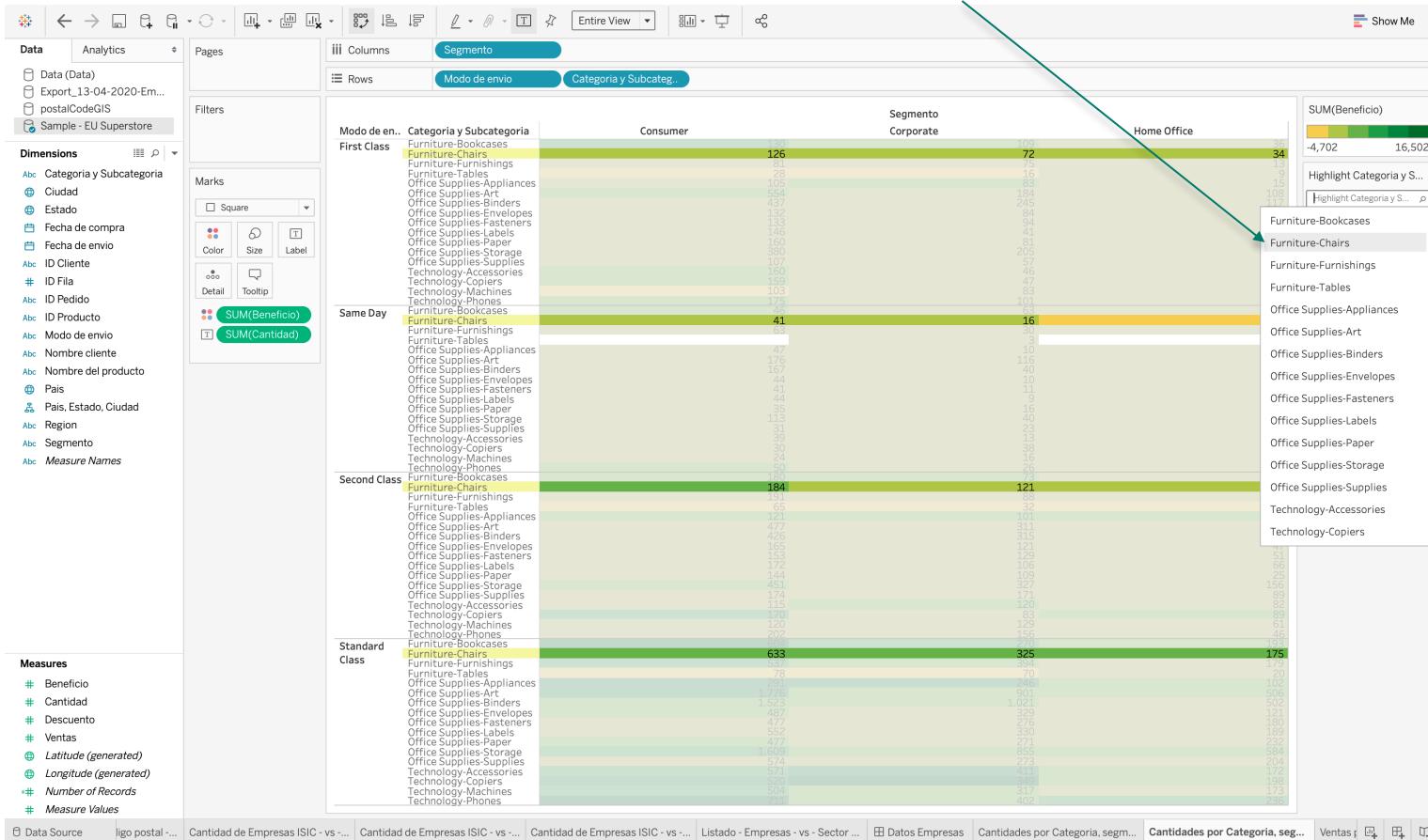
**Highlight Categories:** Furniture-Bookcases, Furniture-Chairs, Furniture-Furnishings, Furniture-Tables, Office-Supplies-Appliances, Office-Supplies-Art, Office-Supplies-Binders, Office-Supplies-Envelopes, Office-Supplies-Fasteners, Office-Supplies-Labels, Office-Supplies-Paper, Office-Supplies-Storage, Office-Supplies-Supplies, Technology-Accessories, Technology-Copiers, Technology-Machines, Technology-Phones

**Table Data:**

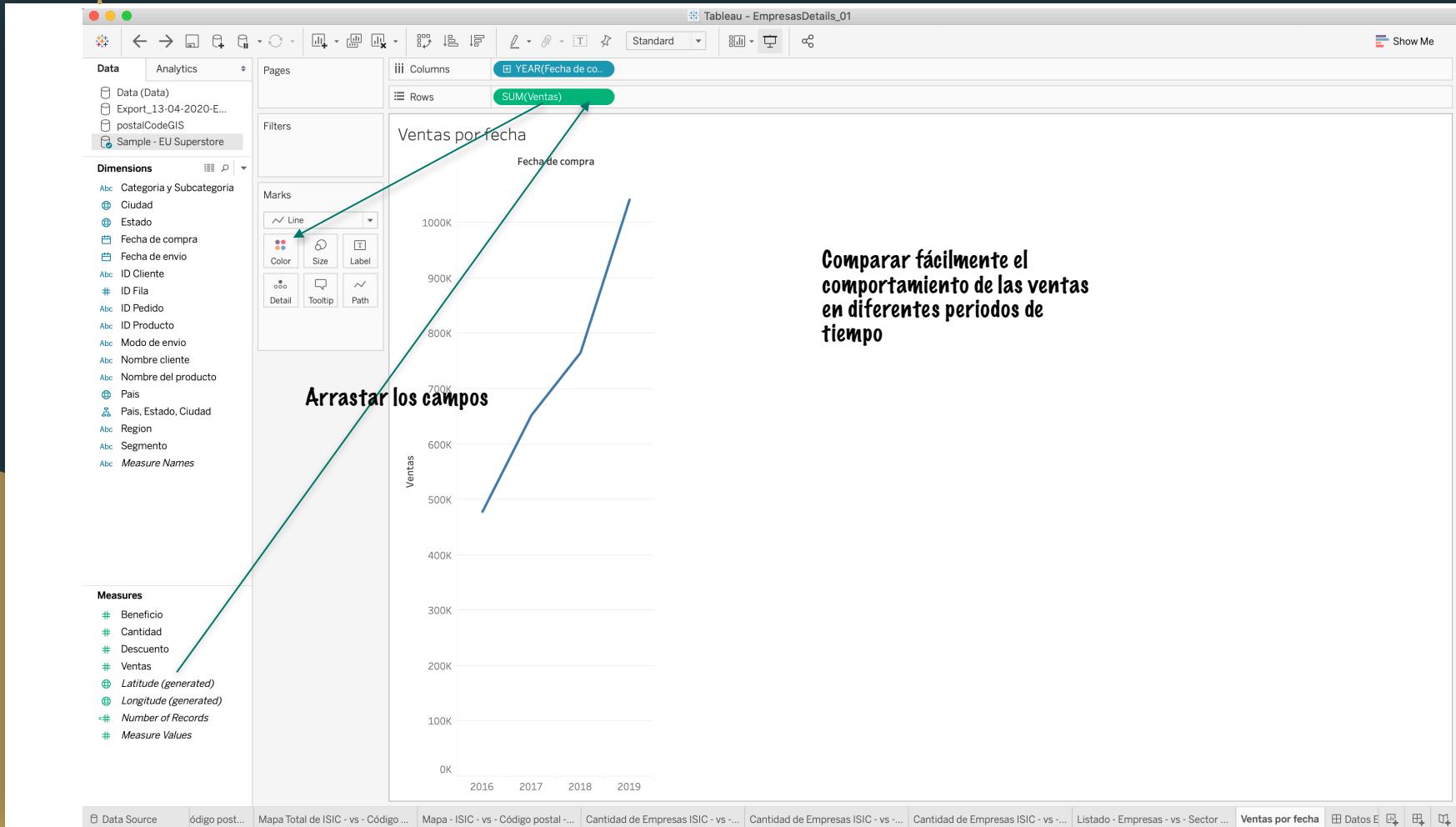
	Segmento	Corporate	Home Office
Furniture-Bookcases	109	36	127
Furniture-Chairs	72	34	13
Furniture-Furnishings	75	13	9
Furniture-Tables	85	15	15
Office-Supplies-Appliances	83	15	15
Office-Supplies-Art	194	15	15
Office-Supplies-Binders	245	108	127
Office-Supplies-Envelopes	84	108	127
Office-Supplies-Fasteners	41	108	127
Office-Supplies-Labels	81	108	127
Office-Supplies-Paper	205	108	127
Office-Supplies-Storage	57	108	127
Office-Supplies-Supplies	46	108	127
Technology-Accessories	47	108	127
Technology-Copiers	83	108	127
Technology-Machines	101	108	127
Technology-Phones	63	108	127
Furniture-Bookcases	16	108	127
Furniture-Chairs	30	108	127
Furniture-Furnishings	3	108	127
Furniture-Tables	10	108	127
Office-Supplies-Appliances	116	108	127
Office-Supplies-Art	40	108	127
Office-Supplies-Binders	11	108	127
Office-Supplies-Envelopes	9	108	127
Office-Supplies-Fasteners	16	108	127
Office-Supplies-Labels	25	108	127
Office-Supplies-Paper	13	108	127
Office-Supplies-Storage	38	108	127
Office-Supplies-Supplies	24	108	127
Technology-Accessories	26	108	127
Furniture-Bookcases	180	73	127
Furniture-Chairs	184	121	127
Furniture-Furnishings	191	88	127
Furniture-Tables	65	101	127
Office-Supplies-Appliances	473	31	127
Office-Supplies-Art	477	311	127
Office-Supplies-Binders	426	315	127
Office-Supplies-Envelopes	165	121	127
Office-Supplies-Fasteners	153	129	127
Office-Supplies-Labels	172	106	127
Office-Supplies-Paper	144	109	127
Office-Supplies-Storage	451	327	127
Office-Supplies-Supplies	174	171	127
Technology-Accessories	115	120	127
Technology-Copiers	170	83	127
Technology-Machines	120	129	127
Technology-Phones	202	156	127
Furniture-Bookcases	154	270	193
Furniture-Chairs	633	325	175
Furniture-Furnishings	537	394	179
Furniture-Tables	78	70	20
Office-Supplies-Appliances	291	246	102
Office-Supplies-Art	1,776	901	506
Office-Supplies-Binders	1,523	1,021	502
Office-Supplies-Envelopes	497	303	121
Office-Supplies-Fasteners	477	276	180
Office-Supplies-Labels	552	330	189
Office-Supplies-Paper	477	271	232
Office-Supplies-Storage	1,603	858	584
Office-Supplies-Supplies	574	273	204
Technology-Accessories	571	411	172
Technology-Copiers	520	349	198
Technology-Machines	504	317	173
Technology-Phones	71	402	236

## Filtro automático

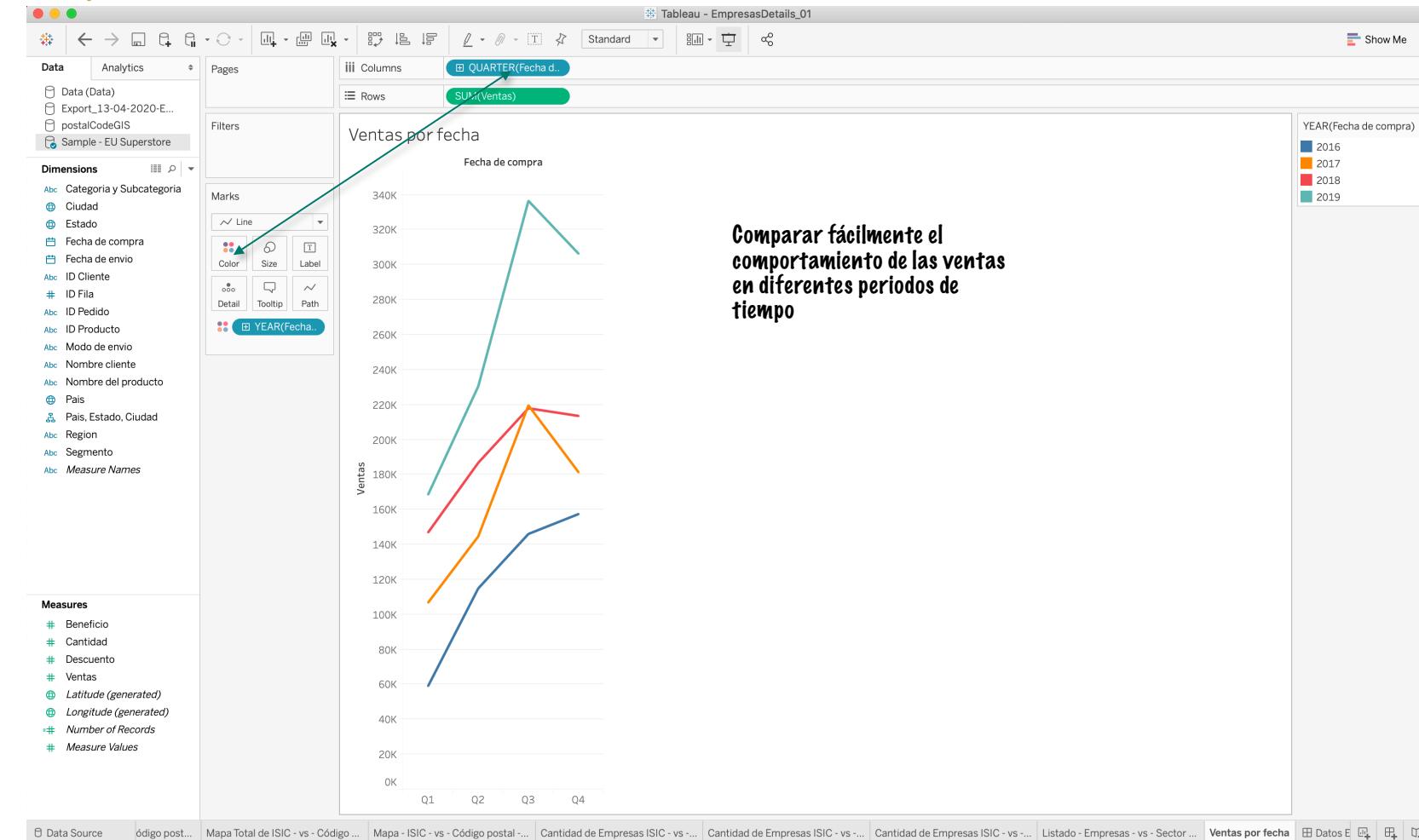
## Se "resalta" al seleccionarlo



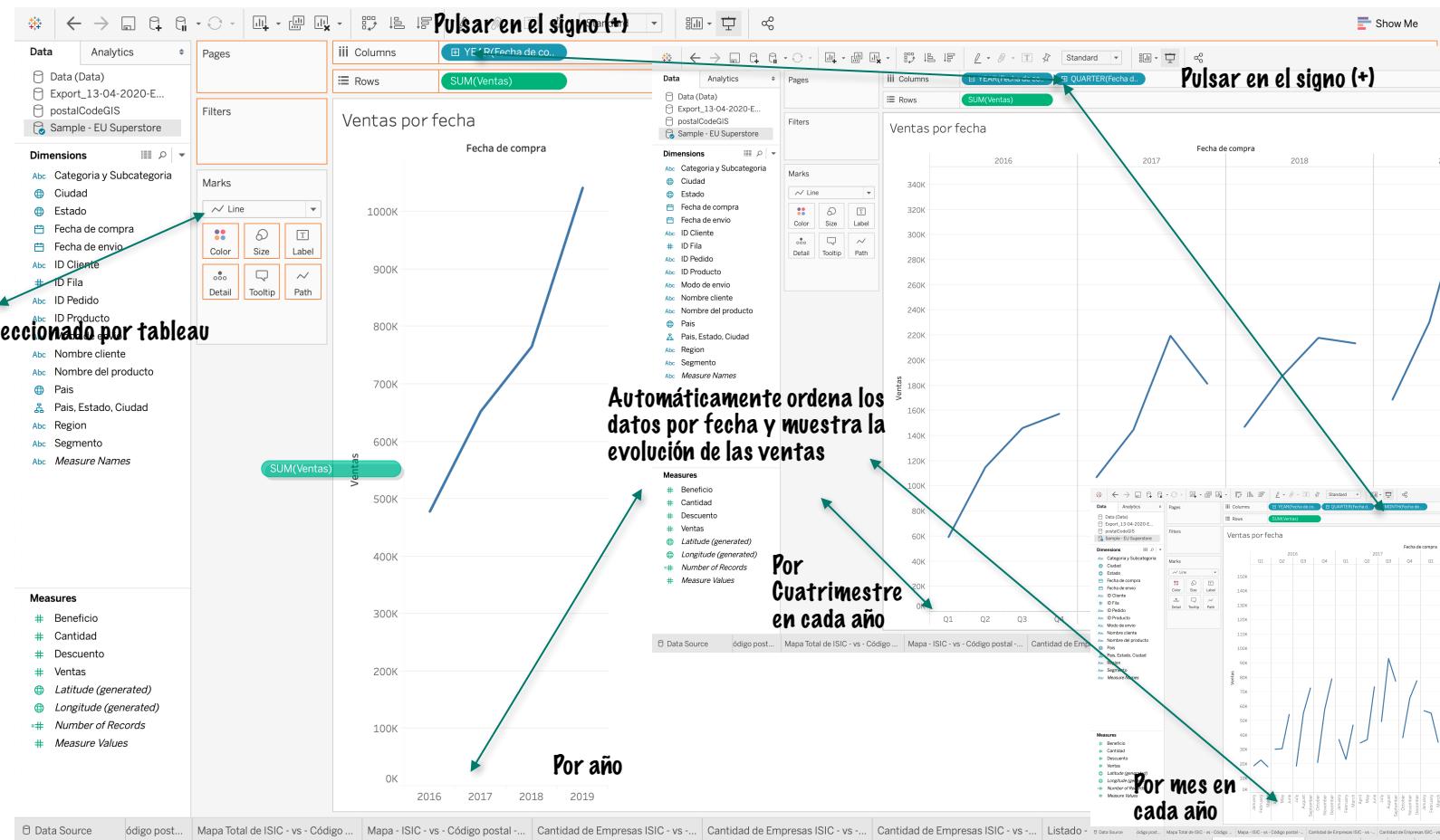
# Ventas por fechas



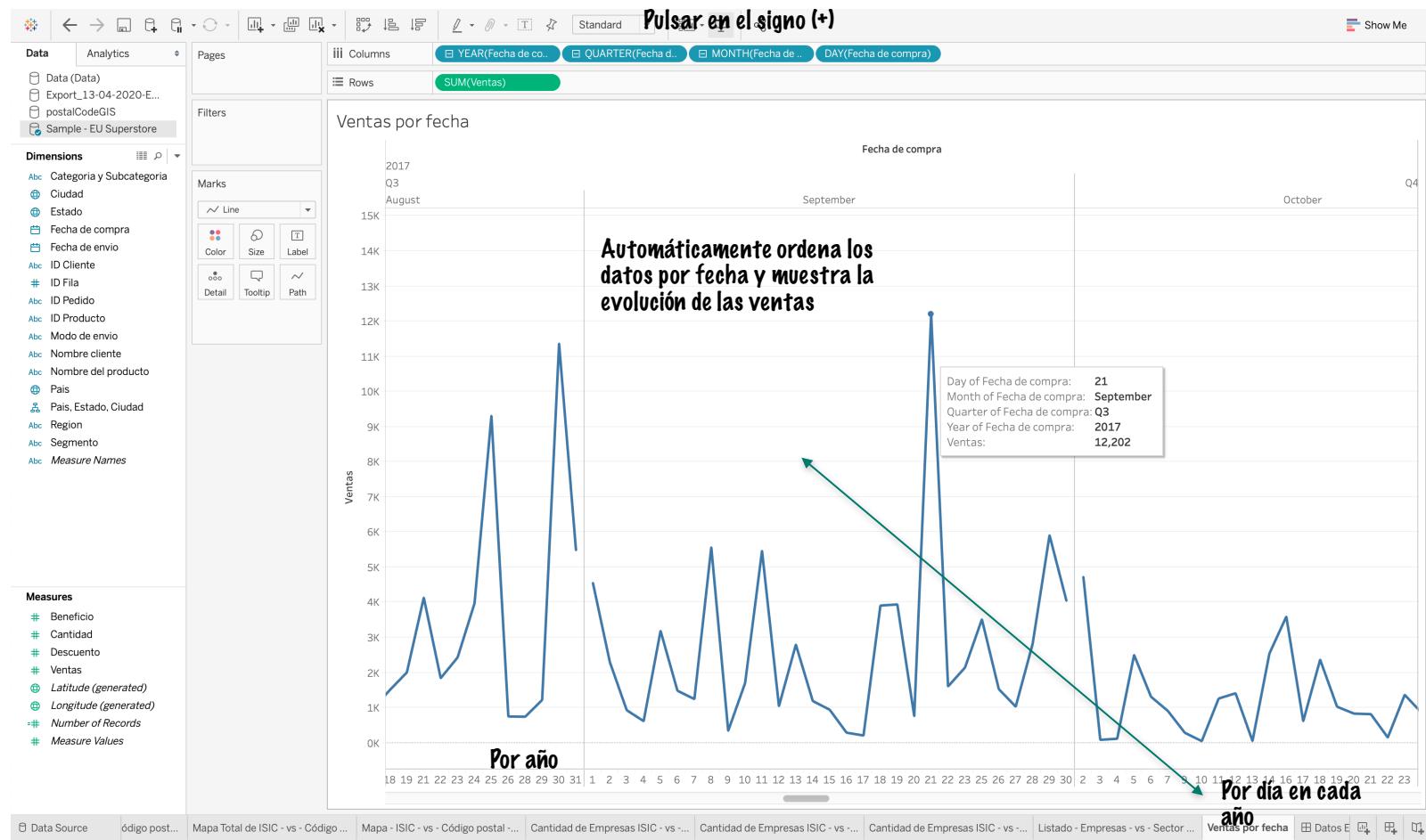
# Ventas por fechas



# Ventas por fechas

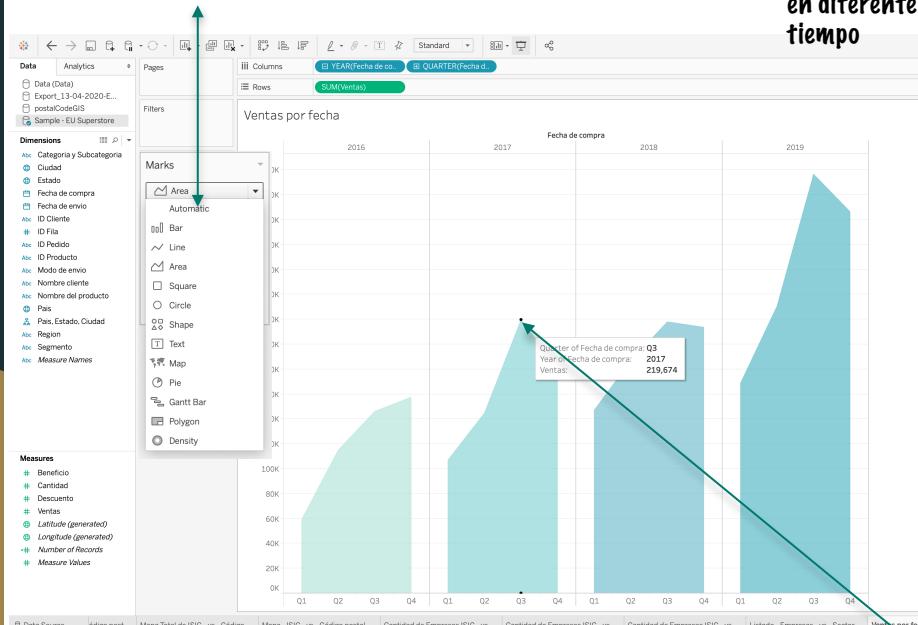


# Ventas por fechas

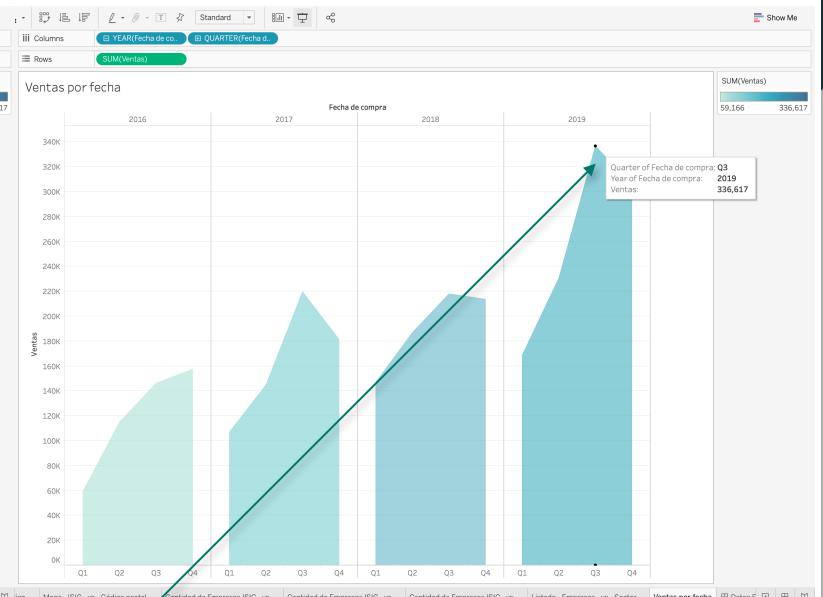


# Ventas por fechas

Cambiar el gráfico seleccionado automáticamente por tableau



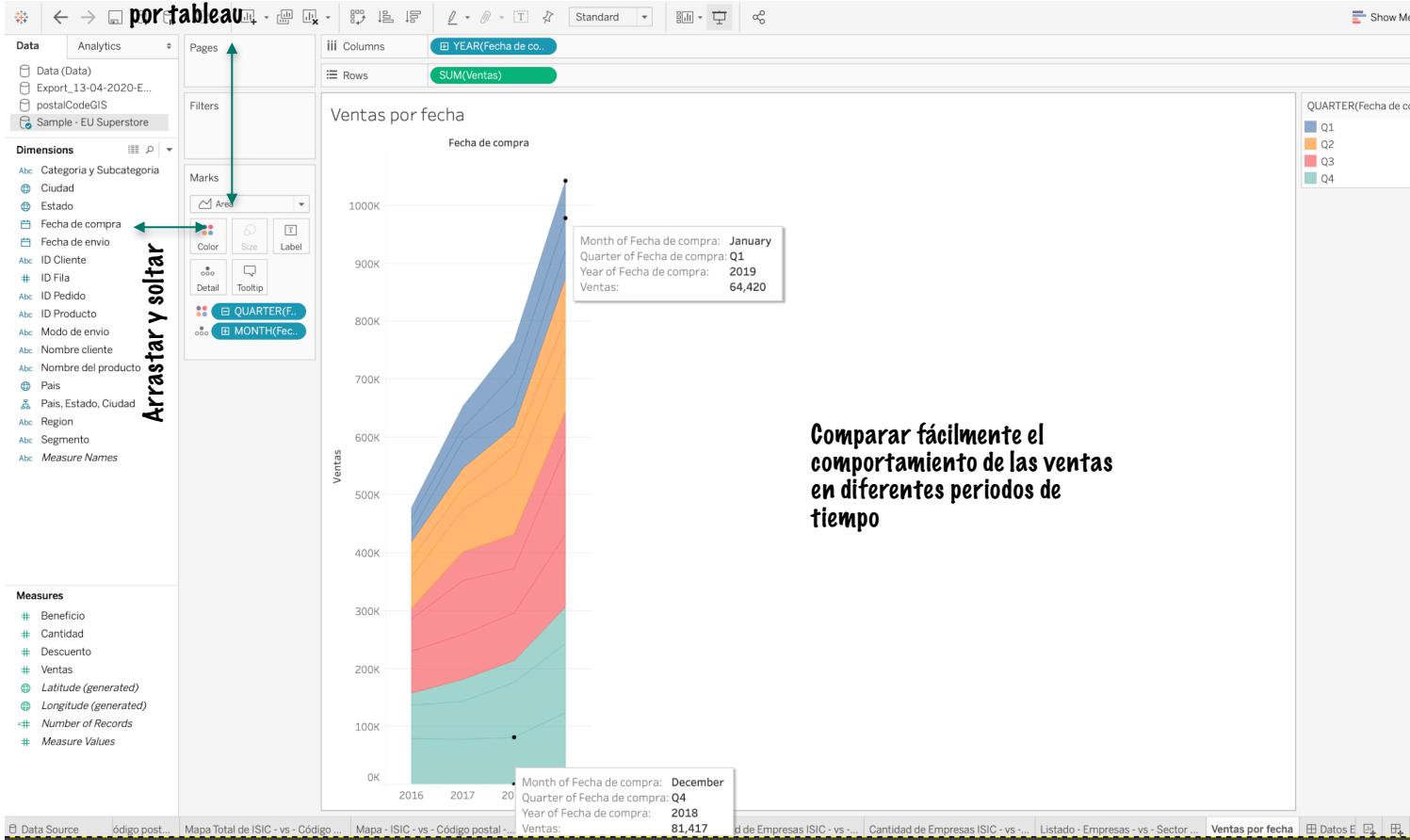
Comparar fácilmente el comportamiento de las ventas en diferentes períodos de tiempo



El mismo trimestre en diferentes años

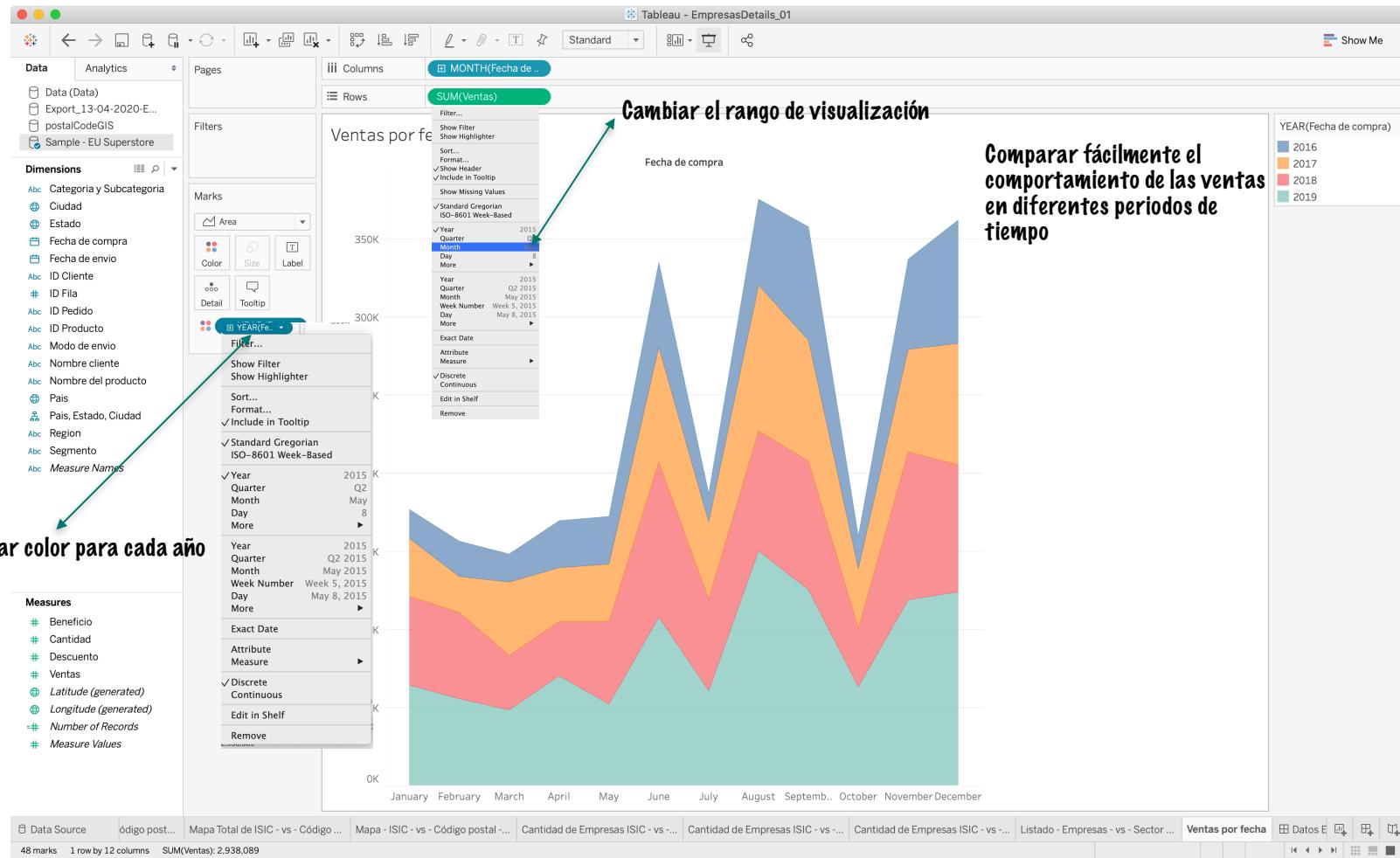
# Ventas por fechas

Cambiar el gráfico  
seleccionado automáticamente  
por tableau

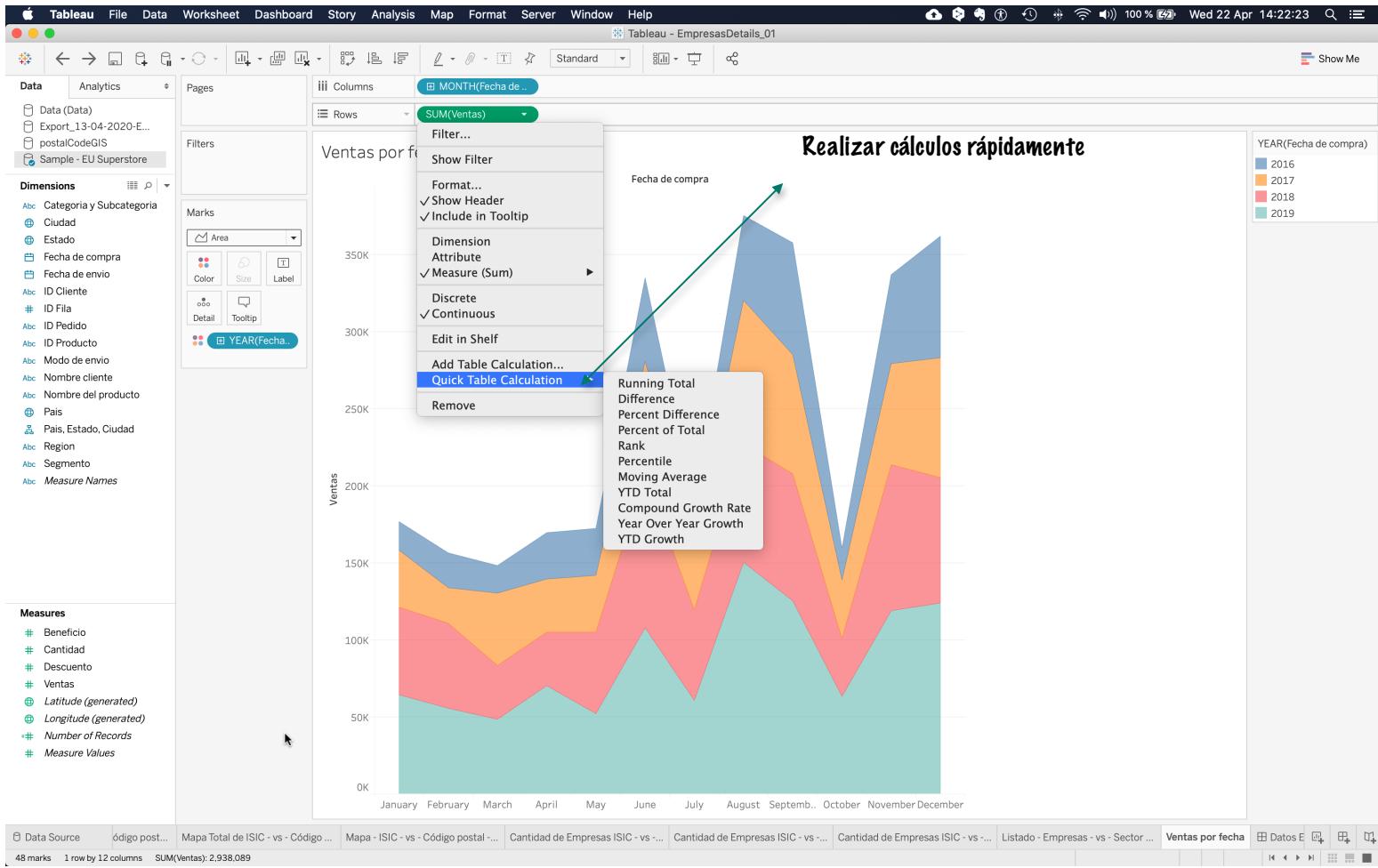


Comparar fácilmente el  
comportamiento de las ventas  
en diferentes períodos de  
tiempo

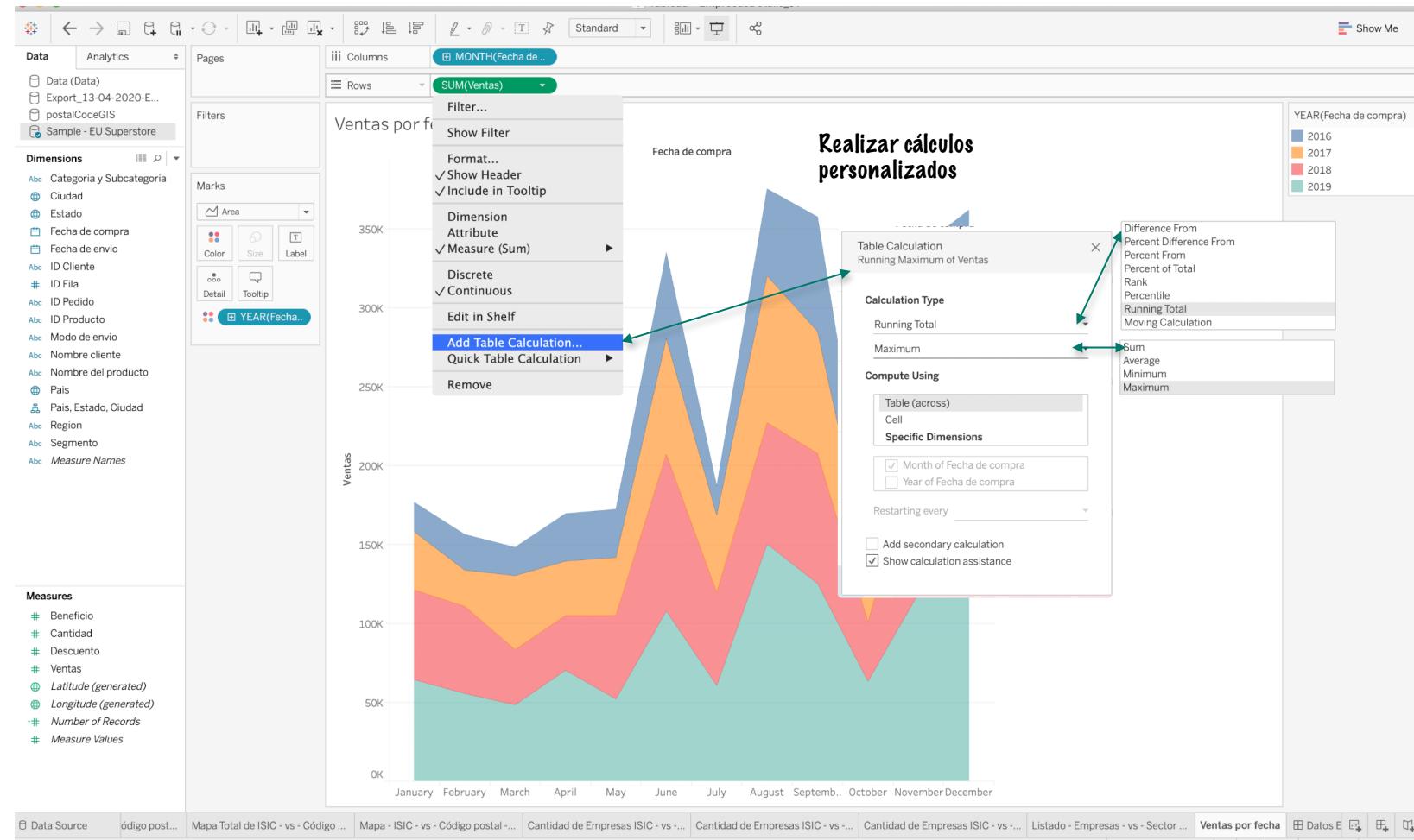
# Ventas por fechas



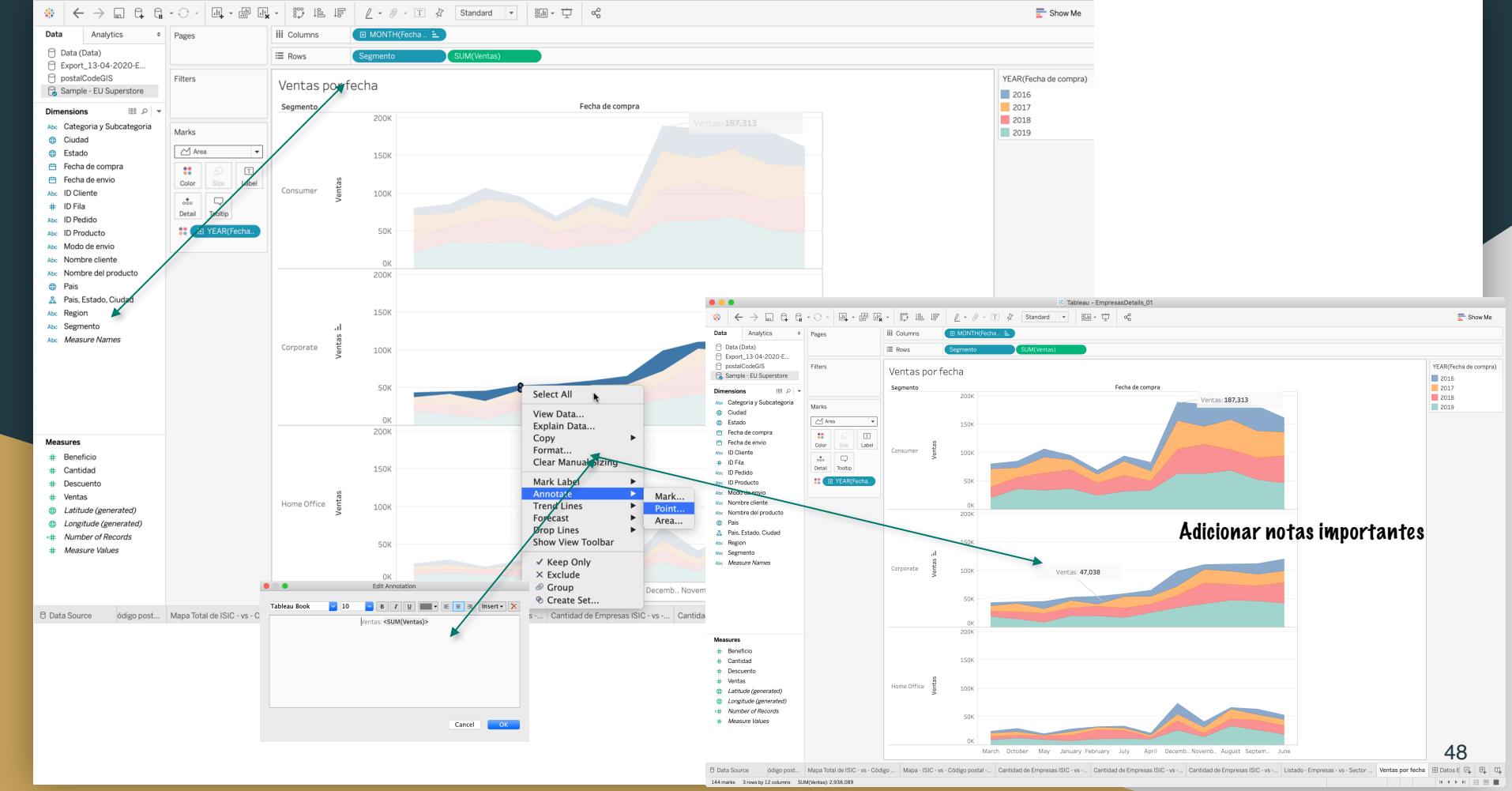
# Ventas por fechas



# Ventas por fechas



# Ventas por fechas



**Navegar y seleccionar el que concuerde con lo que desea mostrar**

## Ventas por País

Tableau presenta los gráficos disponibles para la selección

Measures

- Beneficio
- Cantidad
- Costo
- Ventas

Data Source      id de la Empresa IBC vs ...      Código de Entrada

**Seleccionar una dimensión**  
**Mantener la tecla SHIFT pulsada**  
**Seleccionar otra dimensión o medida**

## Arrastrar y Soltar

© 2020 Mapbox © OpenStreetMap

The screenshot shows the Tableau Data Source pane with the following structure:

- Data** (selected)
- Analytics**
- Pages**

**Dimensions** (under Data)

- Área (Category y Subcategoría)
- País (Country)
- Estado (State)
- Fecha de compra (Purchase Date)
- Fecha de envío (Shipment Date)
- ID Cliente (Client ID)
- ID País (Country ID)
- ID Puesto (Position ID)
- ID Producto (Product ID)
- Modo de envío (Delivery Method)
- Número de artículos (Number of items)
- Nombre del producto (Product Name)
- País (Country)
- País, Estado, Ciudad (Country, State, City)
- Región (Region)
- Segmento (Segment)
- Measure Names

**Measures** (under Data)

- Beneficio (Benefit)
- Candidato (Candidate)
- Descuento (Discount)
- Ventas (Sales)
- Largo (largo generado) (Generated long)
- Number of Records (Number of Records)
- Measure Values (Measure Values)

Ventas por País

France	United Kingdom	Italy	
Germany	Spain	Austria	Sweden
		Netherlands	Finland
			Ireland
		Belgium	Portugal

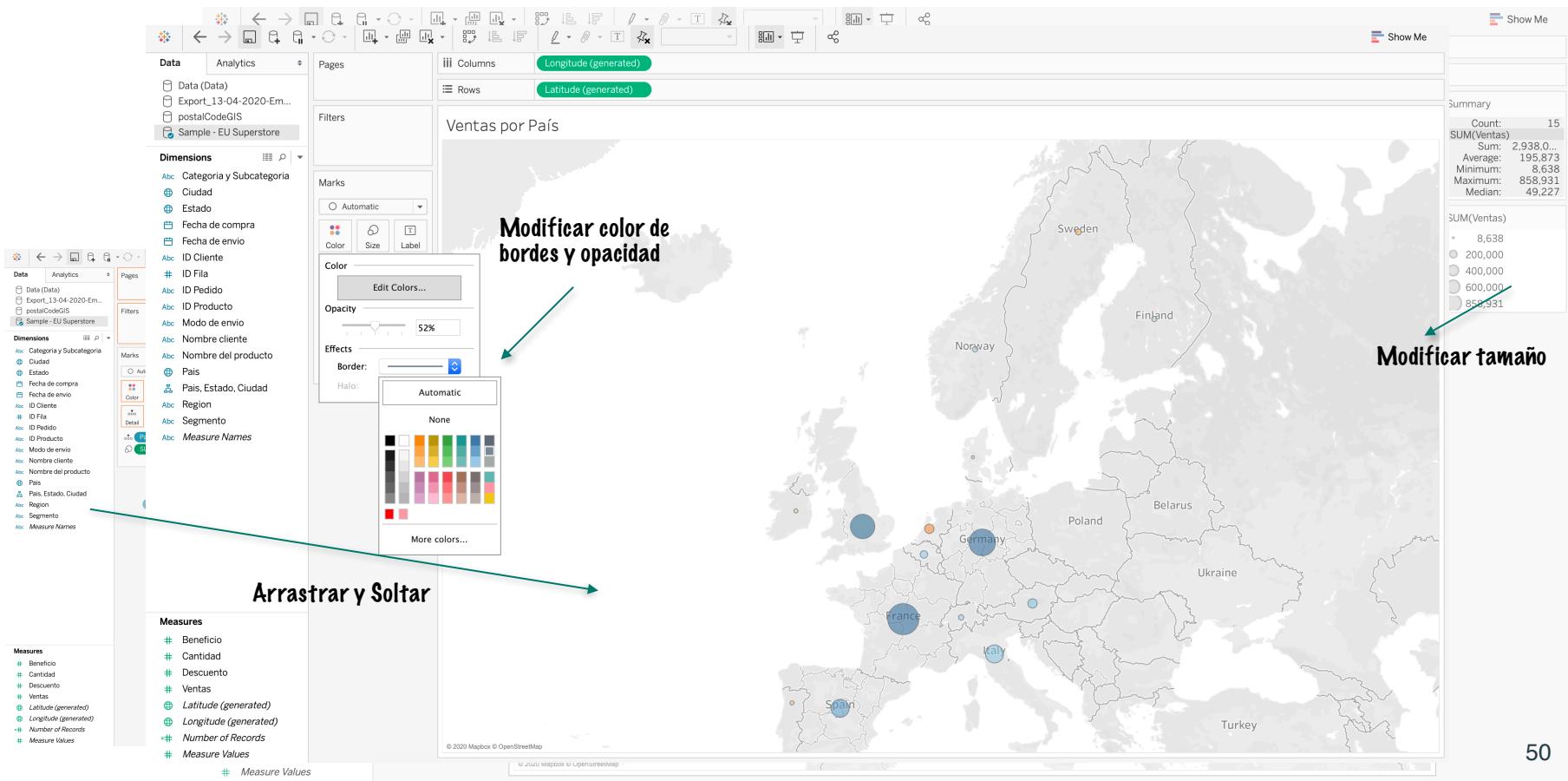


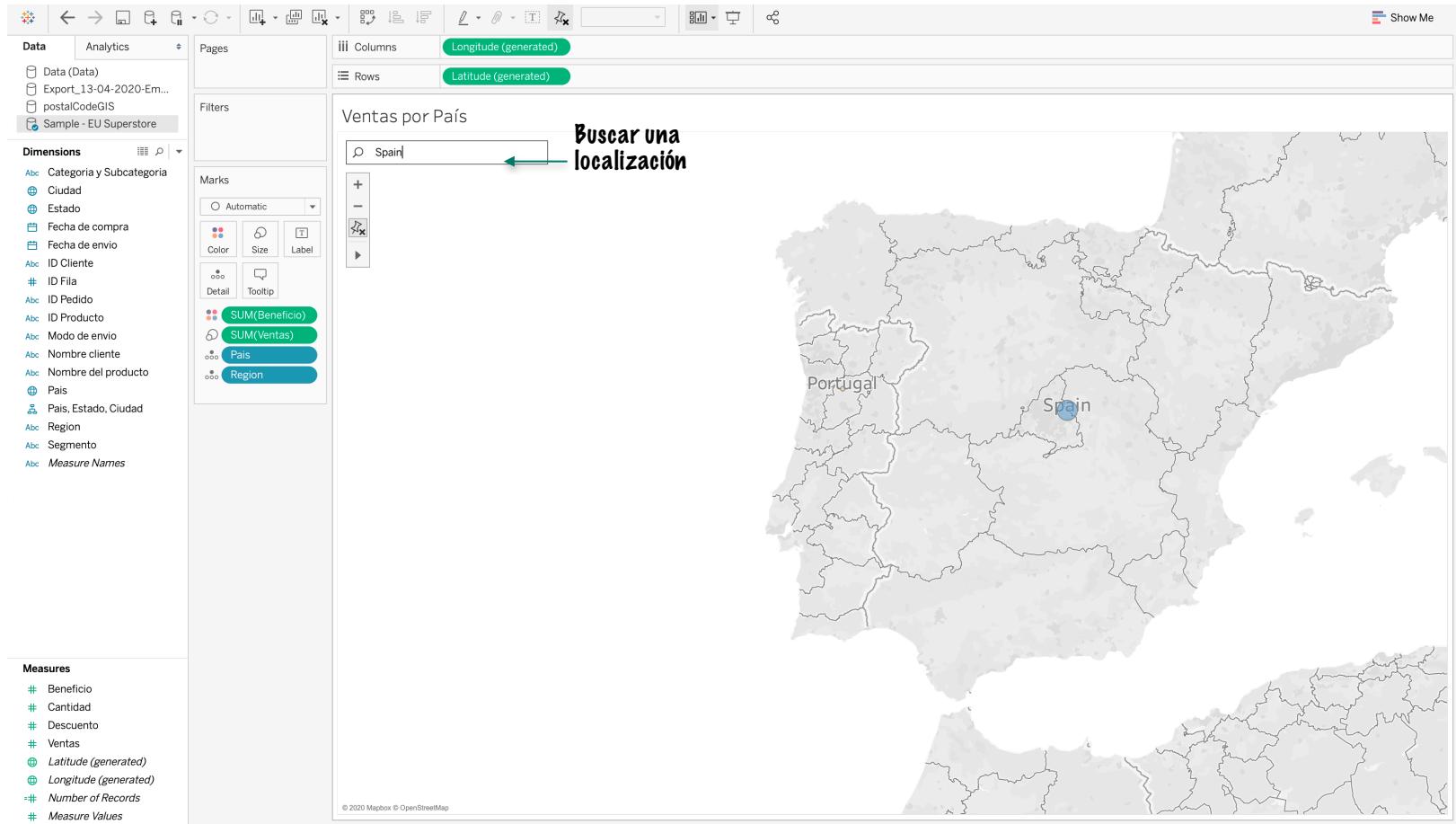
For **lines** (discrete) try

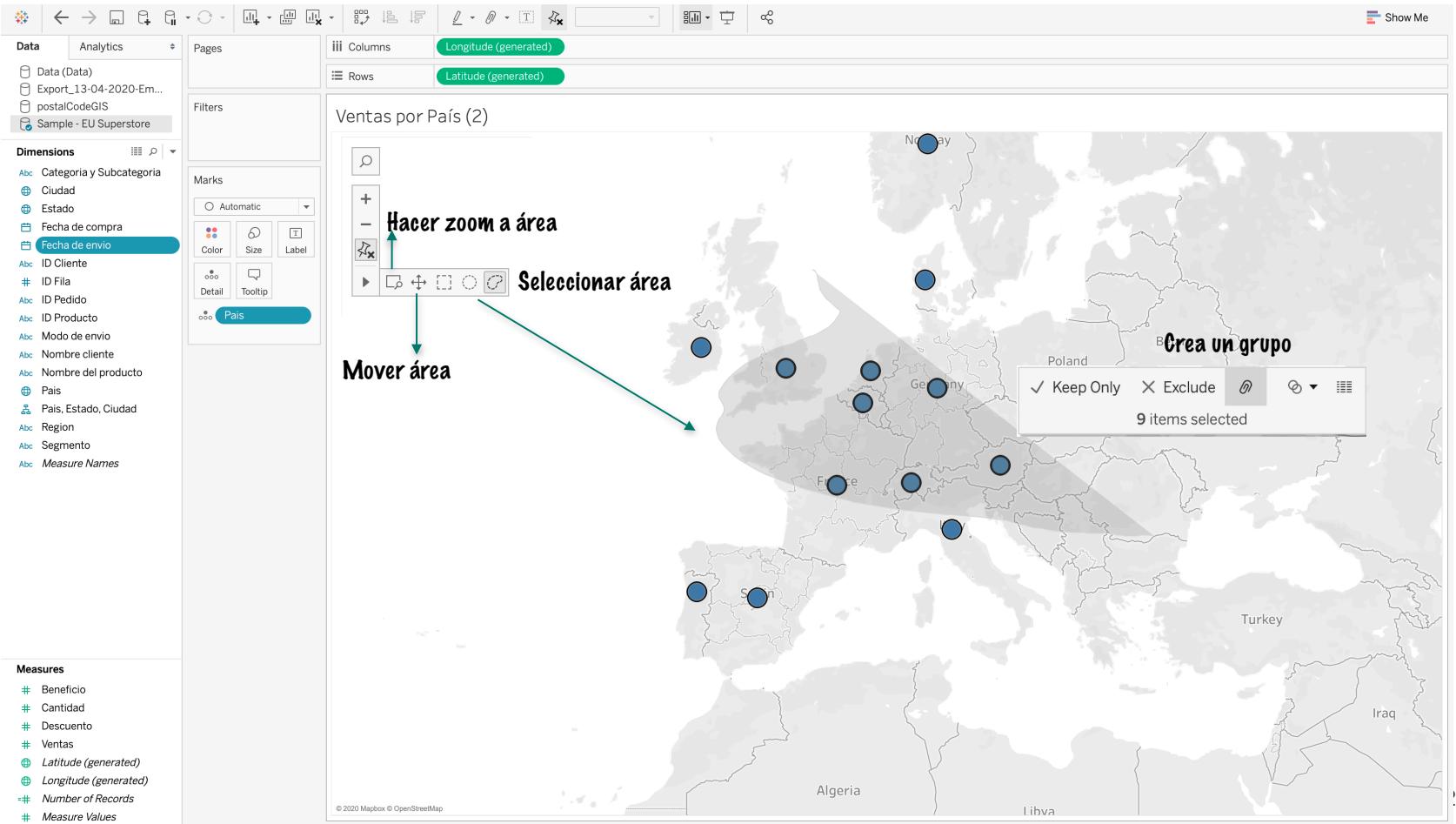
1 date 

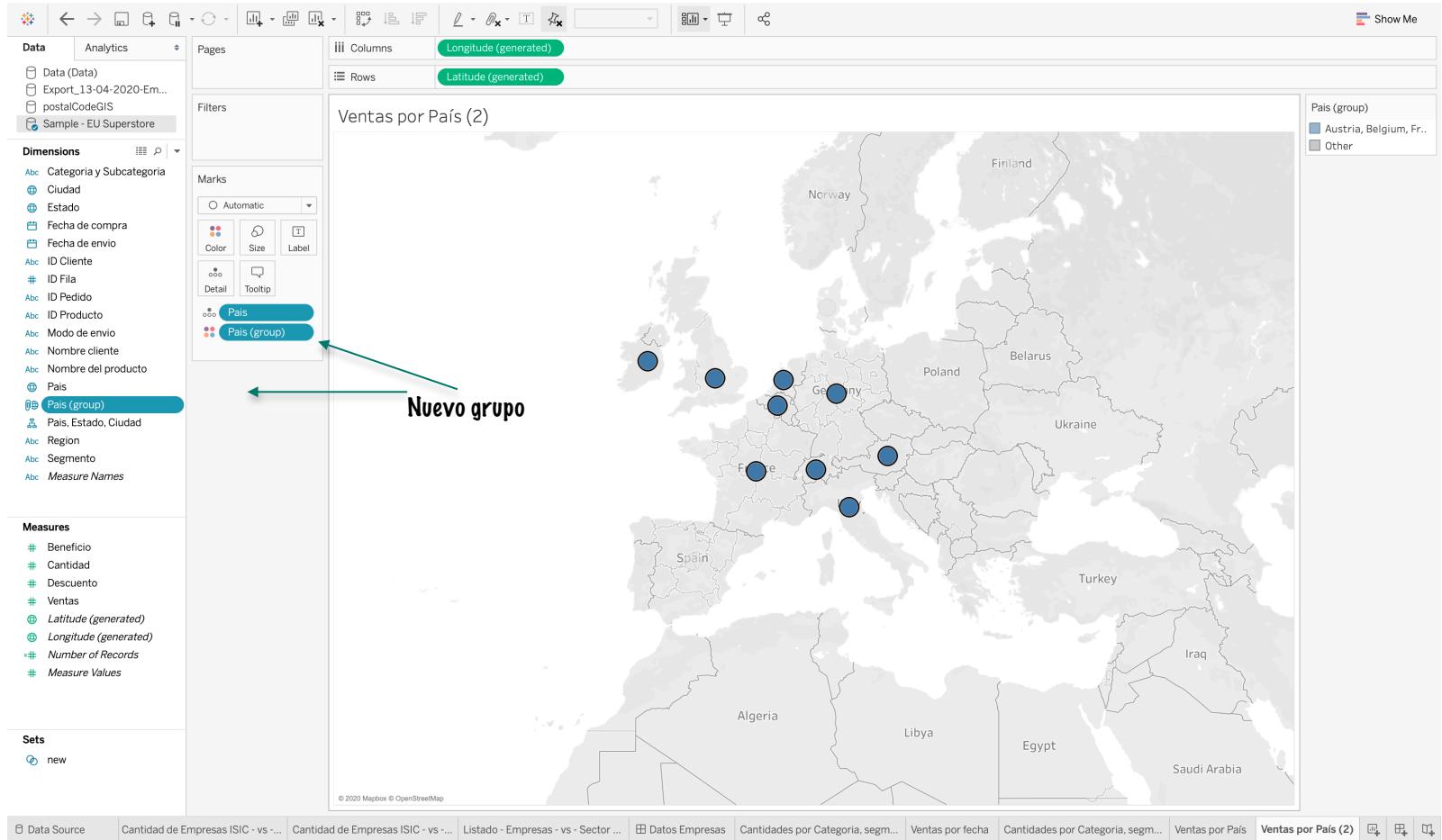
0 or more Dimensions

1 or more Measures



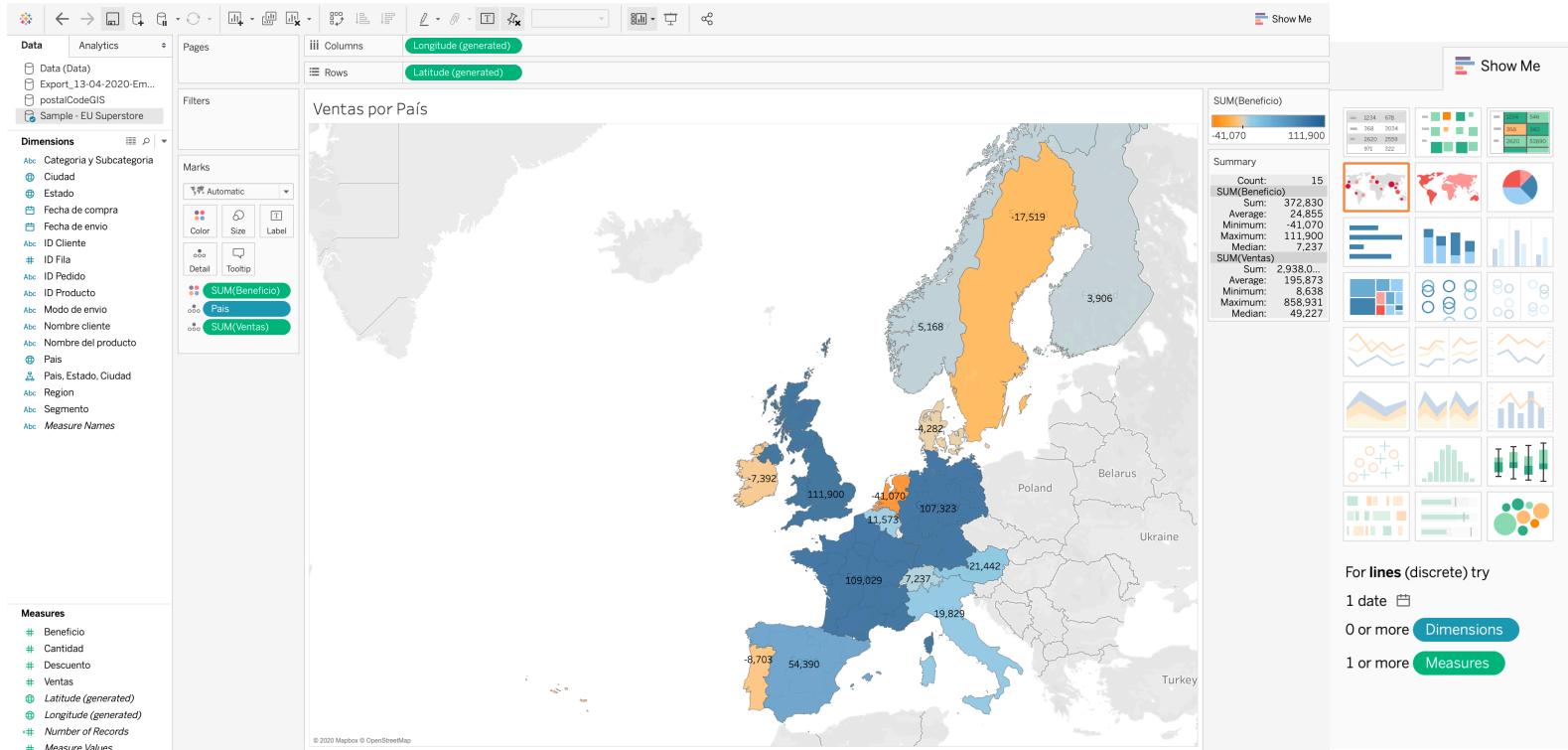












# DashBoard interactivo - Seleccionar ISIC ó Región y se localiza en el Mapa

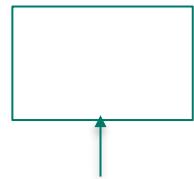
Listado - Empresas - vs - Sector - Región

Address Re..	isicV41	Postal..	Name	Number Of
ÁLAVA	ACERO	1470	TUBACEX SERVICE SOLUTIONS SA	25
		1476	TUBOS REUNIDOS INDUSTRIAL SL	747
	AEROSPACE Y DEFENSA	1510	AERNNOVA AEROSPACE SA	53
			AERNNOVA AIRCRAFT SERVICES SA	89
	ALOJAMIENTO Y CASINOS	1008	EXPLOTACIONES SUBIJANA DE ÁLAVA SA	79
	AUTOMOTOR	1010	ASIENTOS DEL NORTE SL	48
		1013	AUTO ELECTRICIDAD ONDO SA	0
		1015	AURIA SOLUTIONS VITORIA SL	26
		1170	COMPONENTES DE AUTOMOCION RECYTEC SL	106
	BEBIDAS Y TABACO	1013	CENTRO-MEDITERRANEA DE BEBIDAS CARBONICAS PEPSICO SL	62
			PEPSICO FOODS AIE	70
		1300	BODEGAS CAMPILLO SL	1
		1330	COMERCIALIZADORA LA RIOJA ALTA SL	14
	CONSTRUCCIÓN Y DESARROLLO	1340	BODEGAS MURIEL SL	0
		1015	CONSTRUCCIONES URRUTIA SA	29
		1110	TARIMAS Y PARQUETS GAMIZ SA	57
		1400	IZA ASCENSORES SL	0
	CONSULTORÍA EMPRESARIAL Y OTROS	1007	INVERSIONES Y SERVICIOS INTEGRALES DE AUTOMOCION SL	61
		1008	XENTIA CUSTOMER SERVICES SL	48
				66

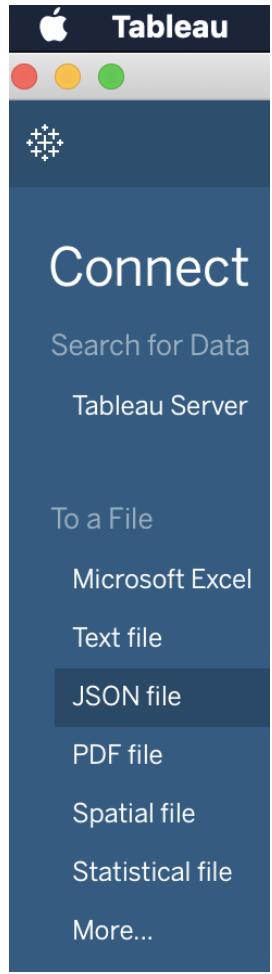
Datos Empresas

Total Empresas por Código postal - vs - Región





**Click y abrir la hoja de trabajo**



Después de descargar la versión Desktop y actualizar la key si es el caso...vamos a importar el fichero JSON que vamos a tratar

Export\_13-04-2020-EmpresasDetails

Export\_13-04-2020-Empresas...

Select Schema Levels

The schema levels you select determine which dimensions and measures are available for analysis in the worksheet.

Schema Example Value

Schema	Example Value
<input checked="" type="checkbox"/> Export_13-04-2020-EmpresasDetail...	
url	http://
telephone	+34
alternateName	COFARES SOCIEDAD COOPERATIVA FARMA...
taxID	F28140119
description	
numberOfEmployees	0
founderingDate	01/01/1944
founderingLocation	MADRID
name	COFARES SOCIEDAD COOPERATIVA FARMA...
image	nif-28140119.gif?v=1.01
isicV4	PRODUCTOS FÁRMACOS / MEDICAMENTOS
logo	nif-28140119.gif?v=1.01
<input type="checkbox"/> _id	

1 schema level selected

Cancel OK

Tableau - Book1

Connections

Export\_13....sasDetails  
JSON file

Files

data.txt  
empresas\_o..669120.txt  
Export\_13-0...etails.json

New Union

Export\_13-04-2020-EmpresasDetails

Export\_13-04-2020-Empresas...

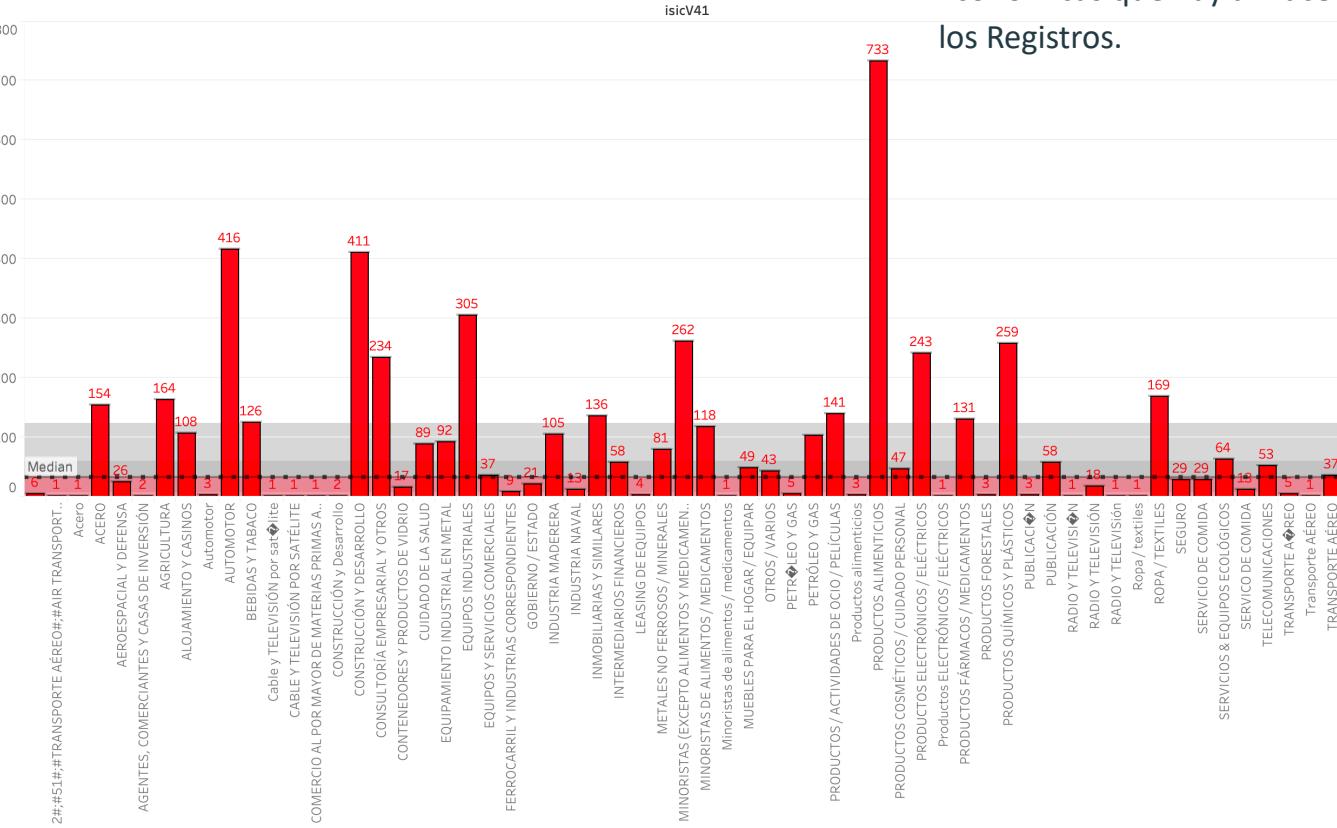
ya hemos importado el fichero de datos a nuestra aplicación...

Sort fields Data source order ▾ Show aliases Show hidden fields 1.000 rows

#	Abc Export_13-04-2020-EmpresasDetails.json Document Index (..)	Abc Export_13-04-2020-Empresa...									
	Alternate Name	Description	Founding Date	Founding Location	Image	isicV4	Logo	Name	Number Of	Number Of	Number Of
1	COFARES SOCIEDAD COOPE...		01/01/1944	MADRID	nif-28140119.gif?v=...	PRODUCTOS FÁRMA...	nif-28140119.gif?v=...	COFARES SOCIEDAD ...	0		
2	VOLKSWAGEN NAVARRA SA	Bienvenido a la Págini...	28/12/1993	NAVARRA	nif-31472459.gif?v=...	AUTOMOTOR	nif-31472459.gif?v=...	VOLKSWAGEN NAVA...	4.764		
3	AIRBUS DEFENCE AND SPAC...		01/01/1923	MADRID	nif-28006104.gif?v=...	AEROSPAZIAL Y DE...	nif-28006104.gif?v=...	AIRBUS DEFENCE AN...	8.220		
4	CRITERIA CAIXA SA		16/12/2003	BARCELONA	nif-63379135.gif?v=...	INTERMEDIARIOS FI...	nif-63379135.gif?v=...	CRITERIA CAIXA SA	88		
5	CD SUPPLY INNOVATION SL		28/09/2017	MADRID	nif-87922662.gif?v=...	MINORISTAS DE ALI...	nif-87922662.gif?v=...	CD SUPPLY INNOVATI...	8		
6	MICHELIN ESPAÑA PORTUG...		03/09/1932	MADRID	nif-20003570.gif?v=...	AUTOMOTOR	nif-20003570.gif?v=...	MICHELIN ESPAÑA P...	7.878		
7	NISSAN MOTOR IBERICA SA	Nissan Motor Iberica ...	26/03/1920	BARCELONA	nif-08004871.gif?v=...	AUTOMOTOR	nif-08004871.gif?v=...	NISSAN MOTOR IBER...	4.801		
8	ENERGIA XXI COMERCIALIZA...	Distribuidora de serv...	21/12/2000	MADRID	nif-82846825.gif?v=...	UTILITIES / SERVICIO...	nif-82846825.gif?v=...	ENERGIA XXI COMER...	0		
9	RENAULT ESPAÑA COMERCI...		01/12/1993	VALLADOLID	nif-47329180.gif?v=...	AUTOMOTOR	nif-47329180.gif?v=...	RENAULT ESPAÑA CO...	329		
10	CONSUM S COOP V		16/02/1980	VALENCIA	nif-46078986.gif?v=...	MINORISTAS DE ALI...	nif-46078986.gif?v=...	CONSUM S COOP V	14.963		
11	BANKIA SA		01/01/1964	VALENCIA	nif-14010342.gif?v=...	INTERMEDIARIOS FI...	nif-14010342.gif?v=...	BANKIA SA	15.486		
12	ALVEAN SUGAR SL		27/07/2014	BIZKAIA	nif-95773057.gif?v=...	PRODUCTOS ALIMENT...	nif-95773057.gif?v=...	ALVEAN SUGAR SL	64		
13	EDISTRIBUCION REDES DIGI...		21/12/2000	BARCELONA	nif-82846817.gif?v=...	UTILITIES / SERVICIO...	nif-82846817.gif?v=...	EDISTRIBUCION RED...	2.764		
14	VUELING AIRLINES SA		10/02/2004	BARCELONA	nif-63422141.gif?v=...	TRANSPORTE AÉREO	nif-63422141.gif?v=...	VUELING AIRLINES SA	3.553		
15	I-DE REDES ELECTRICAS INT...	Iberdrola distribuci...	03/02/2000	VIZCAYA	nif-95075578.gif?v=...	UTILITIES / SERVICIO...	nif-95075578.gif?v=...	I-DE REDES ELECTRIC...	3.546		
16	IBERDROLA SA		19/07/1901	VIZCAYA	nif-48010615.gif?v=...	UTILITIES / SERVICIO...	nif-48010615.gif?v=...	IBERDROLA SA	740		

Data Source Sheet 1 + 1

## Actividades Económicas

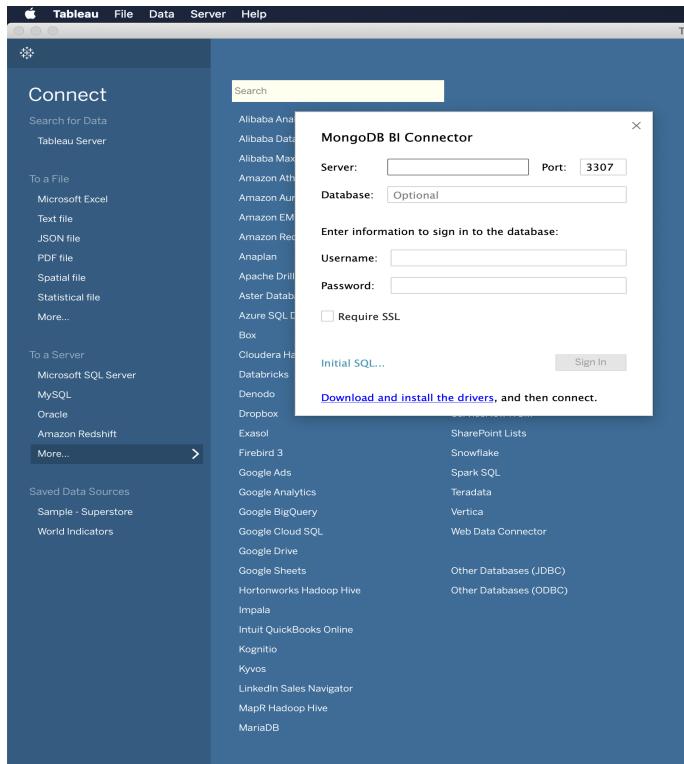


Para crear un histograma e identificar las Actividades Económicas que hay almacenadas, en la Totalidad de los Registros.

Seleccionar y Arrastrar una Dimensión y ponerla en las columnas y una medida y ponerla en las filas.

Esto aún no lo podemos hacer necesita la versión Enterprise de pago... de MongoDB

Después de descargar la versión Desktop y actualizar la key si es el caso...



[https://www.tableau.com/en-us/support/drivers?edition=pro&lang=en-us&platform=mac&cpu=64&version=2020.1&\\_\\_full-version=20201.20.0326.1623#mongodb](https://www.tableau.com/en-us/support/drivers?edition=pro&lang=en-us&platform=mac&cpu=64&version=2020.1&__full-version=20201.20.0326.1623#mongodb) - seguir los pasos...

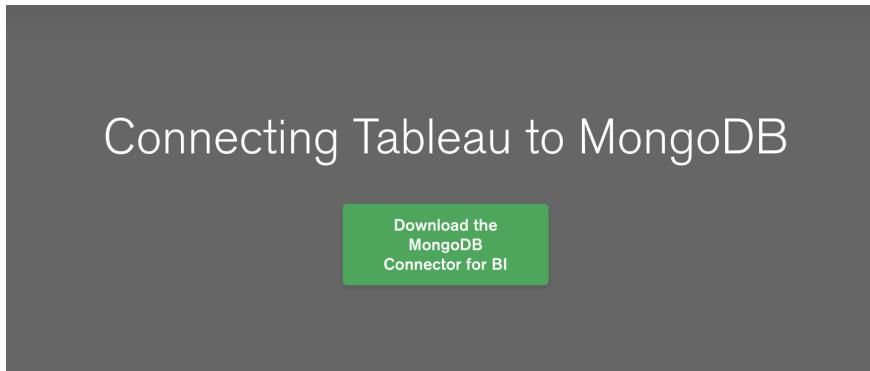
# Connect to HockaidoDB - MongoDB

The screenshot shows the Tableau Support website with the following details:

- Header:** PRICING, SIGN IN, magnifying glass icon.
- Navigation:** + a b | e a u, Products, Solutions, Learning, Community, **Support**, About, COVID-19.
- Section:** SUPPORT
- Title:** Driver Download
- Text:** Find the driver for your database so that you can connect Tableau to your data.
- Text:** To get the right driver, you might need to know your Tableau product version. In Tableau Desktop, select **Help > About Tableau**. In Tableau Server, click the information icon ⓘ and select **About Tableau Server**.
- Text:** For Tableau Bridge, use the same drivers as Tableau Desktop.
- Text:** **Important:** After Tableau 10.5, we are changing the way we number new versions of our software. The version following 10.5 is 2018.1. The next version will be 2018.2, and so on. For more information, see the [Changing our version numbering for new software releases](#) blog post.
- Filter Options:** Data Source (MongoDB BI Connector), Operating System (Mac), Bit Version (64-bit).

Descargar desde <https://www.mongodb.com/tableau?jmp=tbl> el connector for BI - MongoDBEnterprise.. JOOOODE!!...

tions Docs



The MongoDB Connector for Business Intelligence lets you use MongoDB as a data source for SQL-based analytics and data visualization tools like Tableau. Seamlessly create the Tableau visualizations and dashboards that will help you extract the insights and hidden value in your multi-structured data.

The MongoDB Connector for BI is part of MongoDB Enterprise Advanced. Get started by downloading the [MongoDB Connector for BI](#) from here. You can review our [evaluation agreement](#) here.

## Connecting From Tableau

Here's a brief tutorial on how to connect to the BI Connector from Tableau with or without MongoDB authentication enabled.

```
/Users/soniacelis/mongodb-macos-x86_64-4.2.0/bin  
mongodb+srv://User:Pass@clusterhokkaido-quamv.gcp.mongodb.net/test
```

```
mongoexport --uri="mongodb://mongodb0.example.com:27017/reporting" --collection=events --  
out=events.json [additional options]
```