

Tableau

En construcción



# Connect

Search for Data

Tableau Server

To a File

Microsoft Excel

Text file

JSON file

PDF file

Spatial file

Statistical file

More...

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

Connections

Export\_13-04-2020-EmpresasDetails  
JSON file

Files

- data.txt
- empresas\_ok\_1...268669120.txt
- Export\_13-04-2020-EmpresasDetails.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.

Schema Example Value

Schema	Example Value
Export_13-04-2020-EmpresasDetails	url http:// telephone +34 alternateName COFARES SOCIEDAD COOPERATIVA FARMA... taxID F28140119 description numberOfEmployees 0 foundingDate 01/01/1944 foundingLocation MADRID name COFARES SOCIEDAD COOPERATIVA FARMA... image nif-28140119.gif?v=1.01 isicV4 PRODUCTOS FÁRMACOS / MEDICAMENTOS logo nif-28140119.gif?v=1.01 _id ...

1 schema level selected

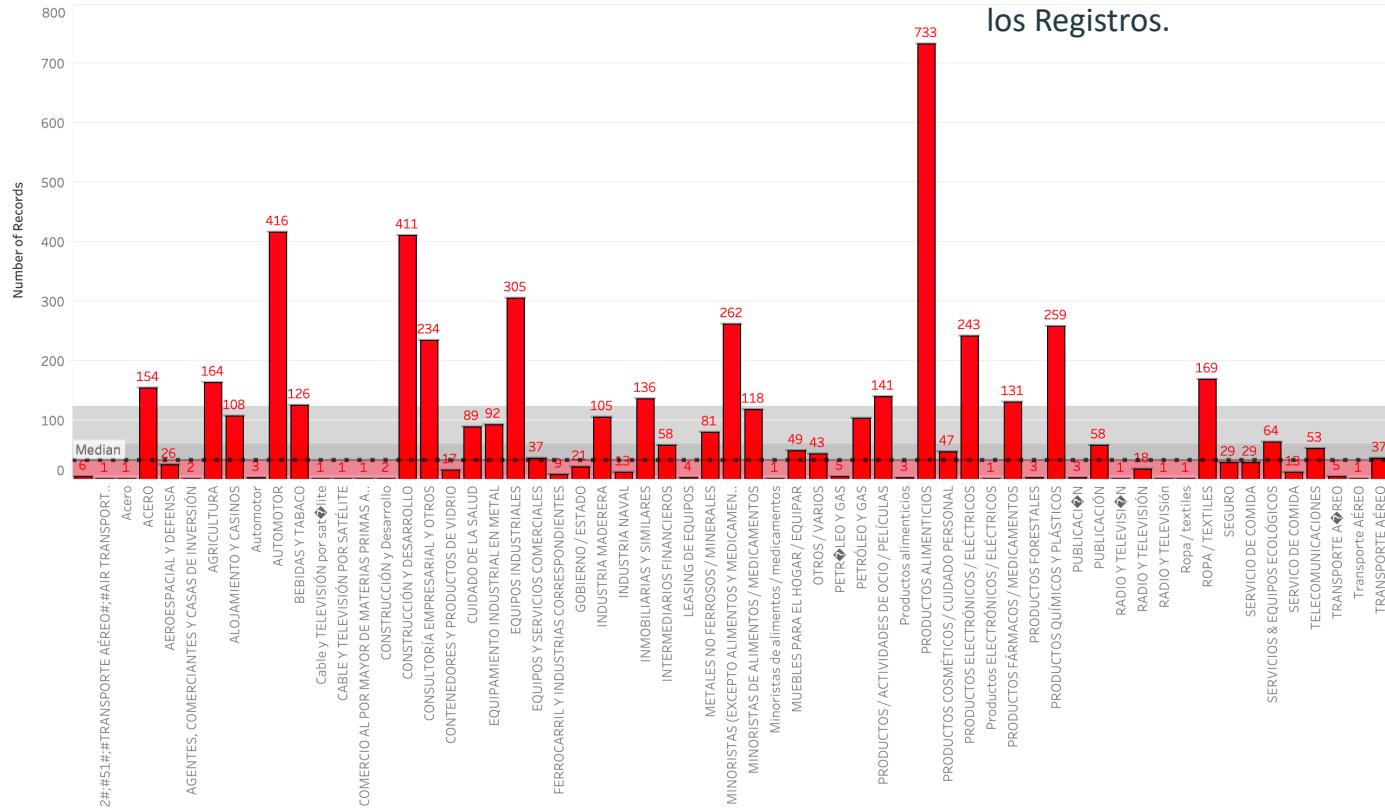
Cancel OK

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

#	Abc Export_13-04-2020-EmpresasDetails.json Document Index (...)	Abc Export_13-04-2020-EmpresasDetails.json Alternate Name	Abc Export_13-04-2020-EmpresasDetails.json Description	Abc Export_13-04-2020-EmpresasDetails.json Founding Date	Abc Export_13-04-2020-EmpresasDetails.json Founding Location	Abc Export_13-04-2020-EmpresasDetails.json Image	Abc Export_13-04-2020-EmpresasDetails.json isicV4	Abc Export_13-04-2020-EmpresasDetails.json Logo	Abc Export_13-04-2020-EmpresasDetails.json Name	Abc Export_13-04-2020-EmpresasDetails.json Number Of Employees
1	COFARES SOCIEDAD COOPERO...			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... RA SA	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... D SPACE	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... ON SL	8
6	MICHELIN ESPAÑA PORTUG...			03/09/1932	MADRID	nif-20003570.gif?v=...	AUTOMOTOR	nif-20003570.gif?v=...	MICHELIN ESPAÑA P... ORTUGAL	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... ICA SA	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... LIZACION SL	0
9	RENAULT ESPAÑA COMERCI...			01/12/1993	VALLADOLID	nif-47329180.gif?v=...	AUTOMOTOR	nif-47329180.gif?v=...	RENAULT ESPAÑA CO... MERCIALIZACION SL	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... ES DIGITAL SL	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 distribució...		03/02/2000	VIZCAYA	nif-95075578.gif?v=...	UTILITIES / SERVICIO...	nif-95075578.gif?v=...	I-DE REDES ELECTRIC... AS INTERNACIONALES SL	3.546
16	IBERDROLA SA			19/07/1901	VIZCAYA	nif-48010615.gif?v=...	UTILITIES / SERVICIO...	nif-48010615.gif?v=...	IBERDROLA SA	740

## Actividades Económicas

isicV41

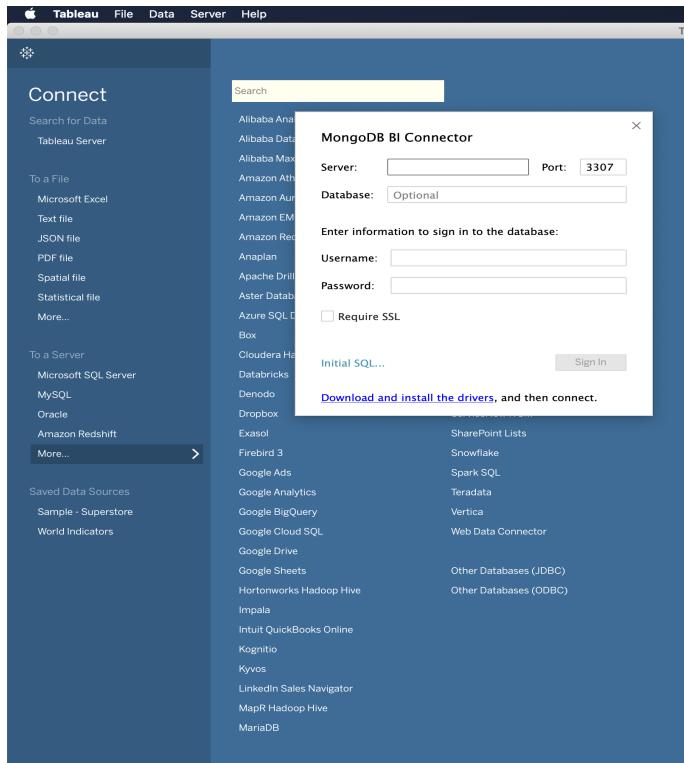


Para crear un histograma e identificar las Actividades Económicas que hay almacenadas, en la Totalidad de los Registros.

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...

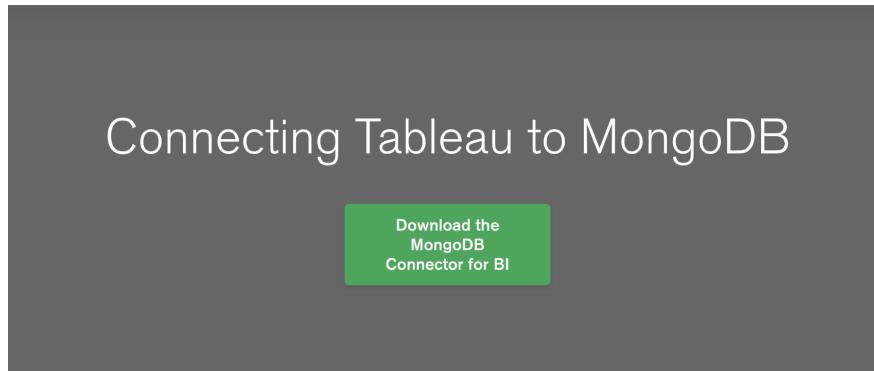
# Connect to HockaidoDB - MongoDB

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.

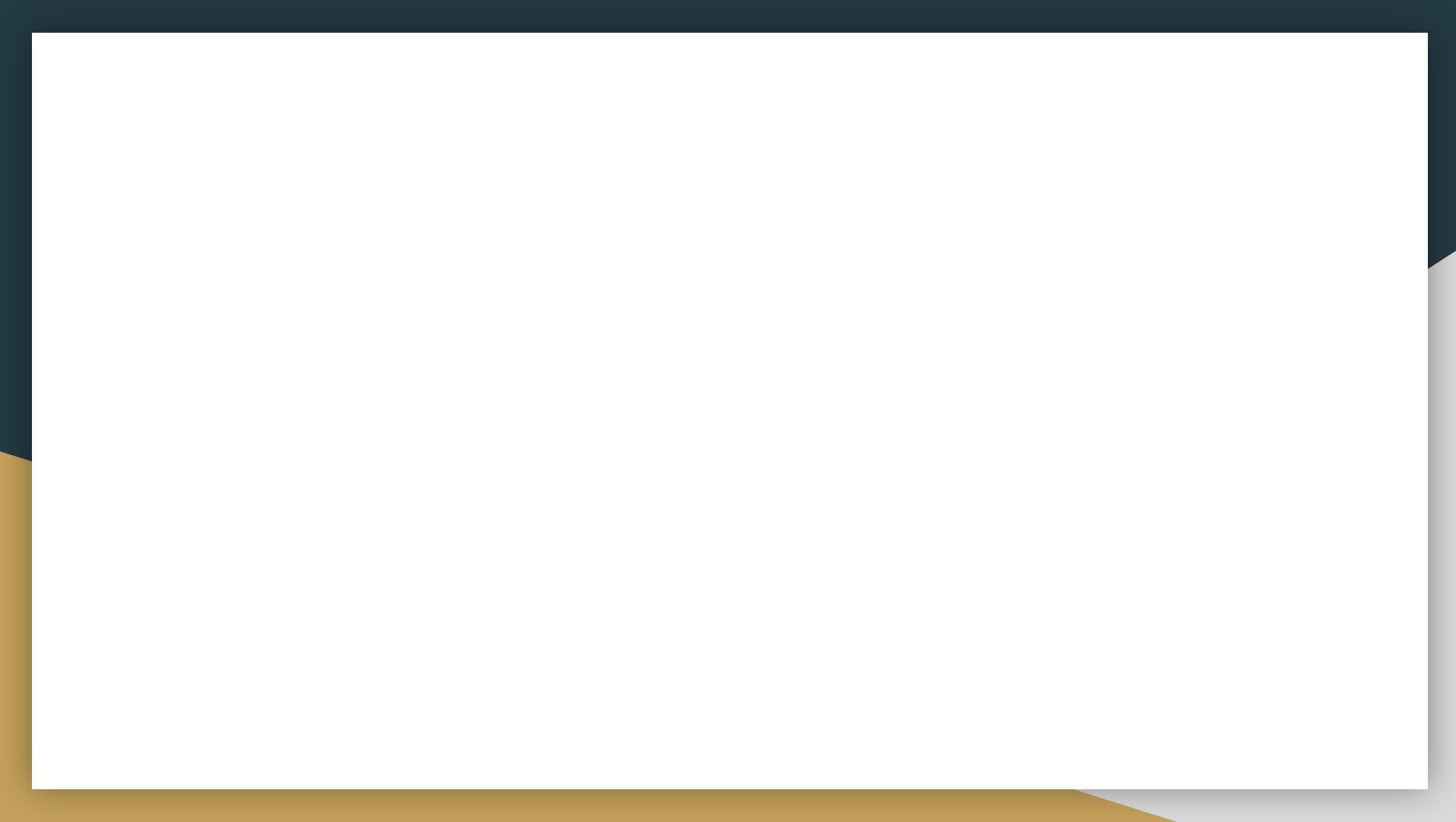
## Connecting From Tableau

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]





**BI ANALYSTS**



**DATA ANALYSTS**



**DATA SCIENTISTS**



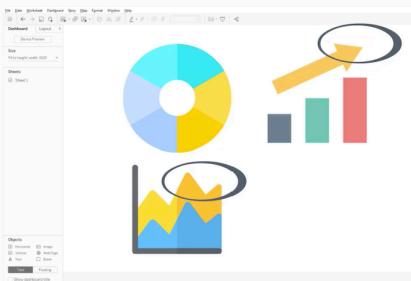
# GEOGRAPHICAL DATA



# VISUALS DASHBOARDS

# AND

# MULTI-LAYERED CALCULATIONS



# Excel



**DATA CREATION TOOL**



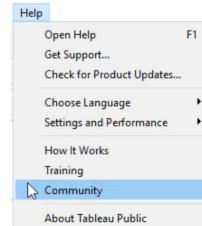
**PRE-PROCESSING**



**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 the term 'geography'. The search bar at the top contains 'geography'. Below it, there are tabs for 'All results' (2,596), 'Vizzes' (2,556), 'Authors' (29), 'Blogs' (11), and 'Resources'. The 'All results' tab is active. 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 profile: [https://public.tableau.com/profile/ri.uncc#/vizhome/Geography\\_9/Geography](https://public.tableau.com/profile/ri.uncc#/vizhome/Geography_9/Geography). The date 'Jan 4, 2016 - Geography' is also shown.
- Geography - Lakshmi**  
A thumbnail image of a Tableau viz titled 'Geography - Lakshmi'. Below it is a link to the viz profile: [https://public.tableau.com/profile/lakshmi3372#/vizhome/Geography\\_25/Geography](https://public.tableau.com/profile/lakshmi3372#/vizhome/Geography_25/Geography). The date 'Sep 9, 2017 - Geography' is also shown.

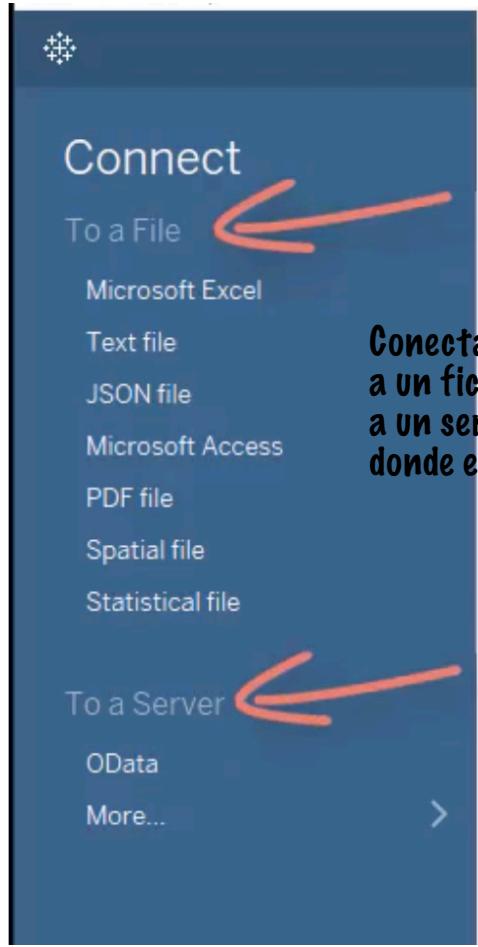
# Funcionalidades importantes

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

- File:** Contains options like New, Open..., Close, Save, Save As..., Revert to Saved, Export As Version..., Export Packaged Workbook..., and Export As PowerPoint... with their respective keyboard shortcuts.
- Data:** Contains options like New Data Source, Paste, Refresh All Extracts..., Edit Blend Relationships..., Replace Data Source..., and a submenu for Data (Data) which includes Edit Data Source..., Refresh, View Data..., Rename..., Duplicate, Close, Extract Data..., Use Extract, Extract, Edit Data Source Filters..., Replace Data Source..., Assume Referential Integrity, Date Properties..., Edit Aliases..., Publish to Server..., Add to Saved Data Sources..., Export Data to CSV..., and Properties... with their respective keyboard shortcuts.
- Map:** Contains options like Background Maps, Background Images, Geocoding, Map Legend, Map Layers..., and Map Options... with their respective keyboard shortcuts.

Annotations are present in the image:

- A green arrow points from the text "Crear, Open, Cerrar, Guardar un fichero" to the "File" menu.
- A blue arrow points from the text "Visualización Geográfica" to the "Map" menu.
- A red arrow points from the text "Adicionar, Reemplazar ó Editar fuentes de datos" to the "Data" menu.



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

Hoja de trabajo activa

Data

Connections

Sheets

Use Data Interpreter

Data Interpreter might be able to clean your Microsoft Excel workbook.

Countries

Data

Indicators

New Union

Drag sheets here

Arrastra y Soltar

Revisar que se hayan cargado los datos correctamente

Data

Sort fields

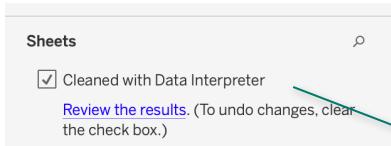
Data source order

Show aliases

Show hidden fields

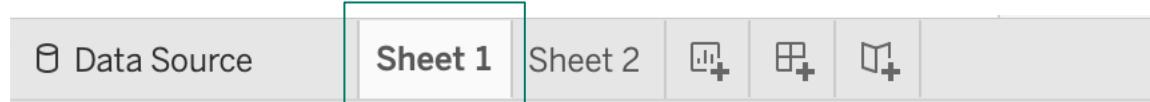
236 rows

A1c	A1c	Data.F4	Data.F4	Data.F5	Data.F5	Data.F6	Data.F6	Data.F7	Data.F7	Data.F8	Data.F8	Data.F9	Data.F9	Data.F10	Data.F10	
null	null	null	null	null	null	Data.F5	null	null	null	null	null	null	null	null	null	
null	null	null	null	null	null	null	null	null	null	null	null	null	null	null	null	
Abc	Abc	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10					
Last Updated Date																
Country Name	Indicator Name															
Afghanistan	GDP (current US\$)	2,002.00	2,003.00	2,004.00	2,005.00	2,006.00	2,007.00	2,008.00								
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							
Albania	GDP (current US\$)	4,435,078,647.79	5,748,945,912.58	7,314,865,175.62	8,195,548,716.69	8,992,642,348.79	10,701,011,896.77	12,881,352,687.78	12,044,212							
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	3,660,53K							
Arab World	GDP (current US\$)	729,051,715,403.45	823,110,541,440.46	963,862,340,520.58	1,184,661,549,595.13	1,404,113,530,800.68	1,637,573,196,970.62	2,078,115,659,876.48	1,795,819,60							
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	253,547,358							
Argentina	GDP (current US\$)	97,724,004,251.31	127,588,973,492.02	164,657,930,452.79	198,73,709,012.80	232,557,950,817.31	287,530,508,430.57	361,558,037,110.42	332,976,484							
Armenia	GDP (current US\$)	2,376,335,648.40	2,807,061,008.69	3,576,615,240.42	4,909,469,950.09	6,384,451,606.14	9,206,301,700.40	11,662,040,713.88	8,647,938							
American Samoa	GDP (current US\$)	514,000,000.00	527,000,000.00	512,000,000.00	496,000,000.00	520,000,000.00	563,000,000.00	678,000								
Antigua and Barbuda	GDP (current US\$)	814,615,323.70	855,643,099.63	919,577,142.59	1,027,219,294.07	1,157,005,441.48	1,311,401,318.89	1,368,431,037.04	1,224,25							
Australia	GDP (current US\$)	394,635,830,891.59	466,853,323,382.06	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	92,168,31C							
Austria	GDP (current US\$)	213,377,715,503.86	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	400,294,287,388.31	40,172,29							
Azerbaijan	GDP (current US\$)	6,235,795,703.89	7,726,613,031.97	8,680,472,186.52	13,245,716,999.01	20,983,019,923.89	33,050,343,782.78	48,852,482,960.08	44,291,49							



## 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

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



**Filas** →

#	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' section to the text 'Azul'. Another green arrow points from the 'Measures' section 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

# Interface - Tableau

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

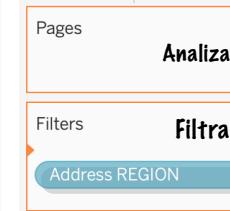


Diferentes  
tipos de  
Visualizaciones  
disponibles



Select or drag data

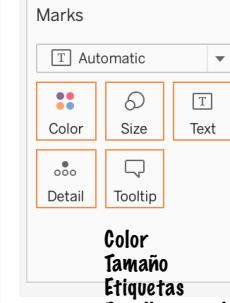
Use the Shift or Cmd key to  
select multiple fields



Analizar campos específicos



Filtrar datos



Color  
Tamaño  
Etiquetas  
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

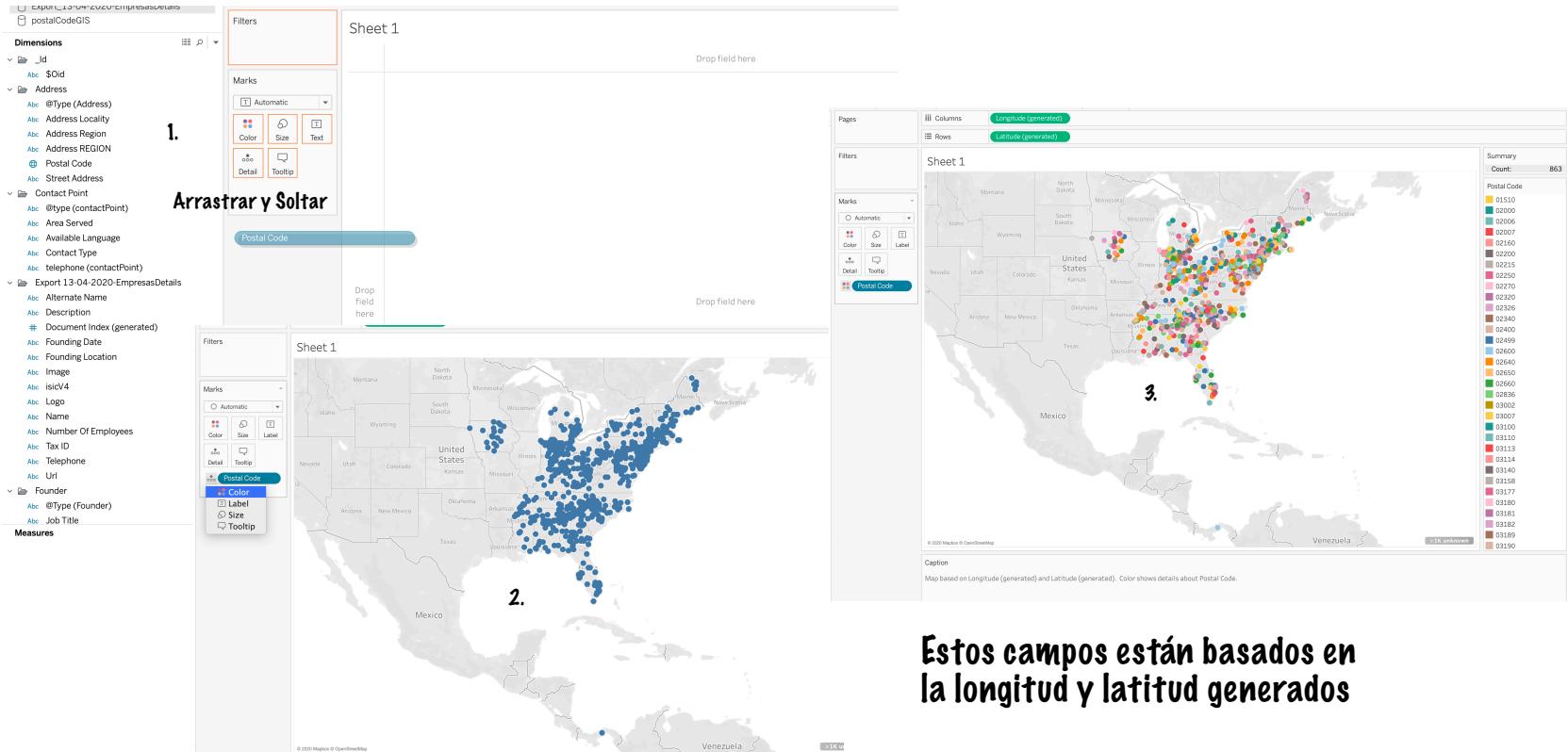
NUTS Europe

State/Province

ZIP Code/Postcode

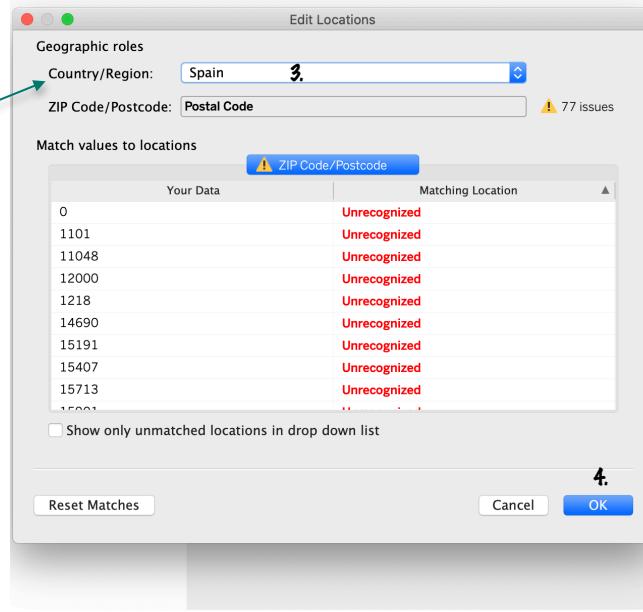
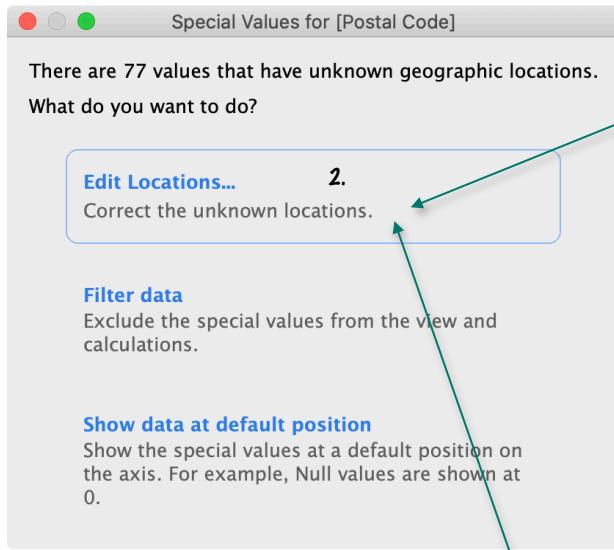
Create from ►

Este campo es de tipo String No tiene Rol Geográfico



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

# Cambiar el País



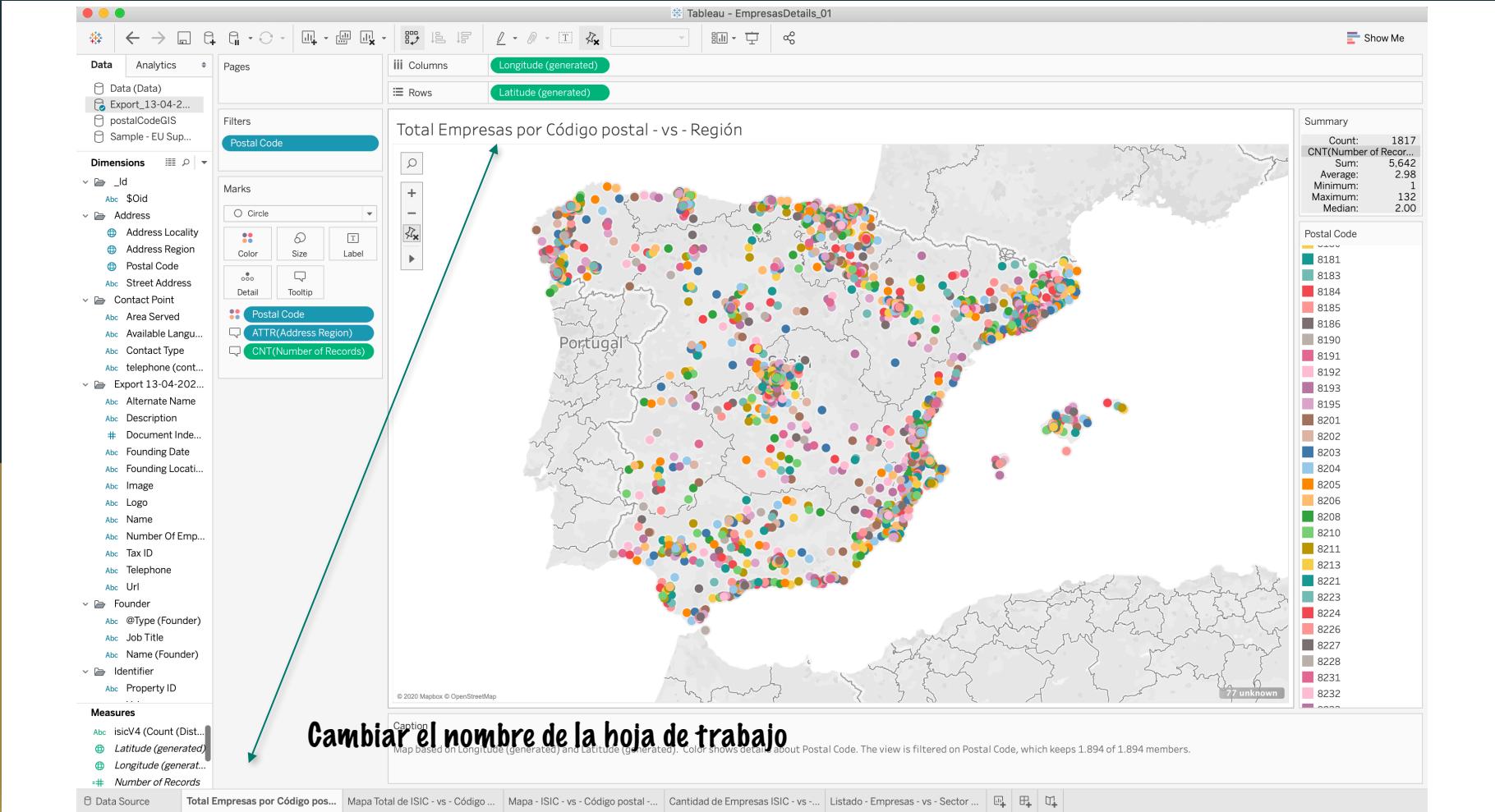
Doble click y seleccionar Edit Locations...

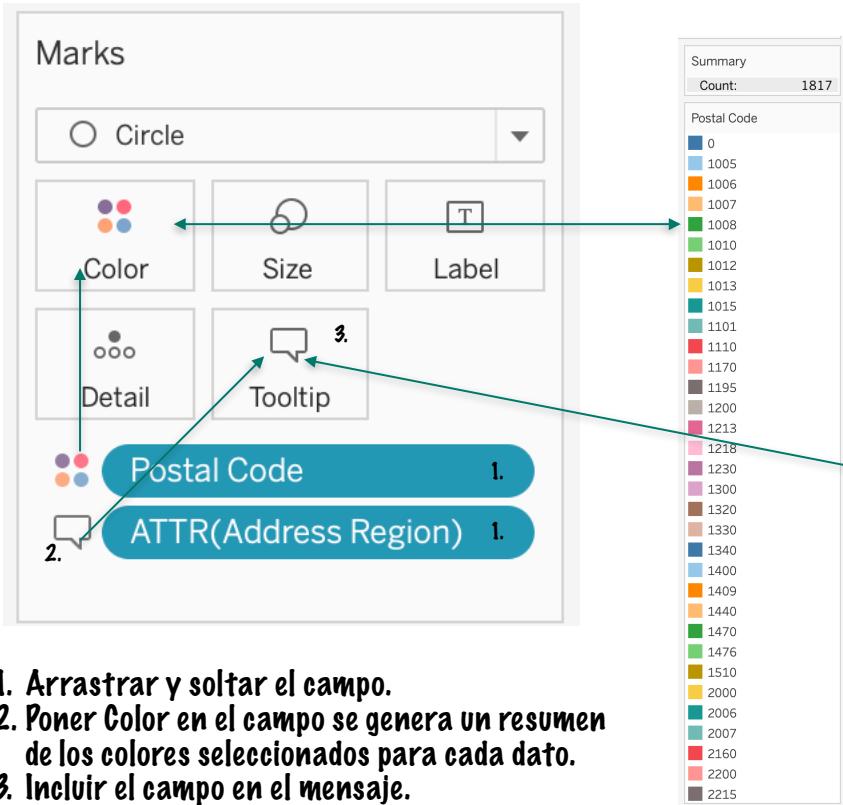
Cambiar el nombre en el campo Country/Region

1.

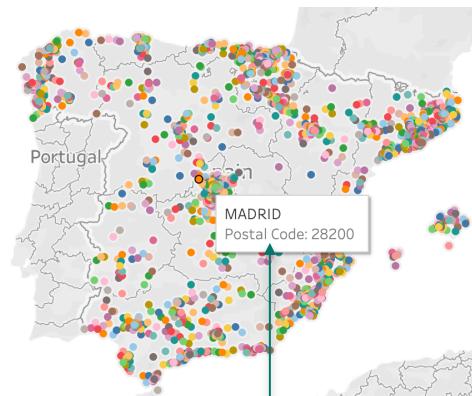
>1K unknown

# Total Empresas por Código postal - vs - Región



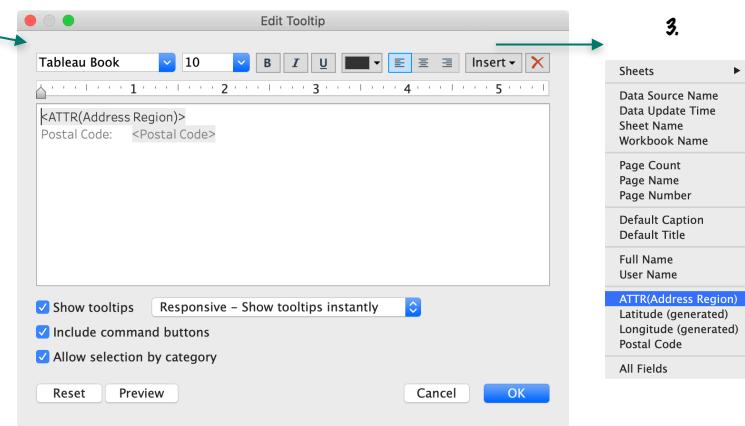


1. Arrastrar y soltar el campo.
2. Poner Color en el campo se genera un resumen de los colores seleccionados para cada dato.
3. Incluir el campo en el mensaje.



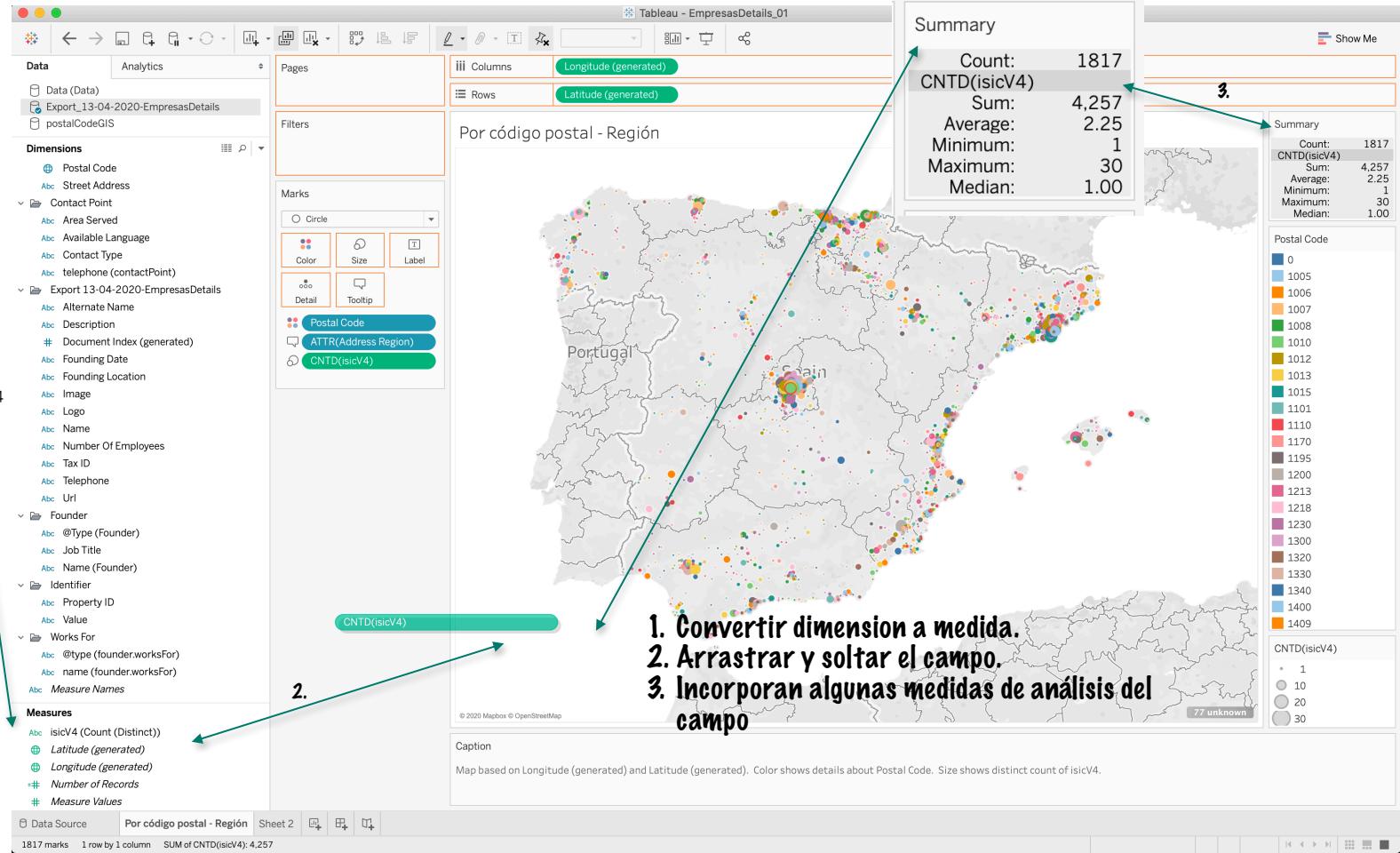
2.

### Adicionar Atributos en el mensaje



3.

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



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

**Tableau - EmpresasDetails\_01**

**Por código postal - Región**

**5.**

**4.**

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

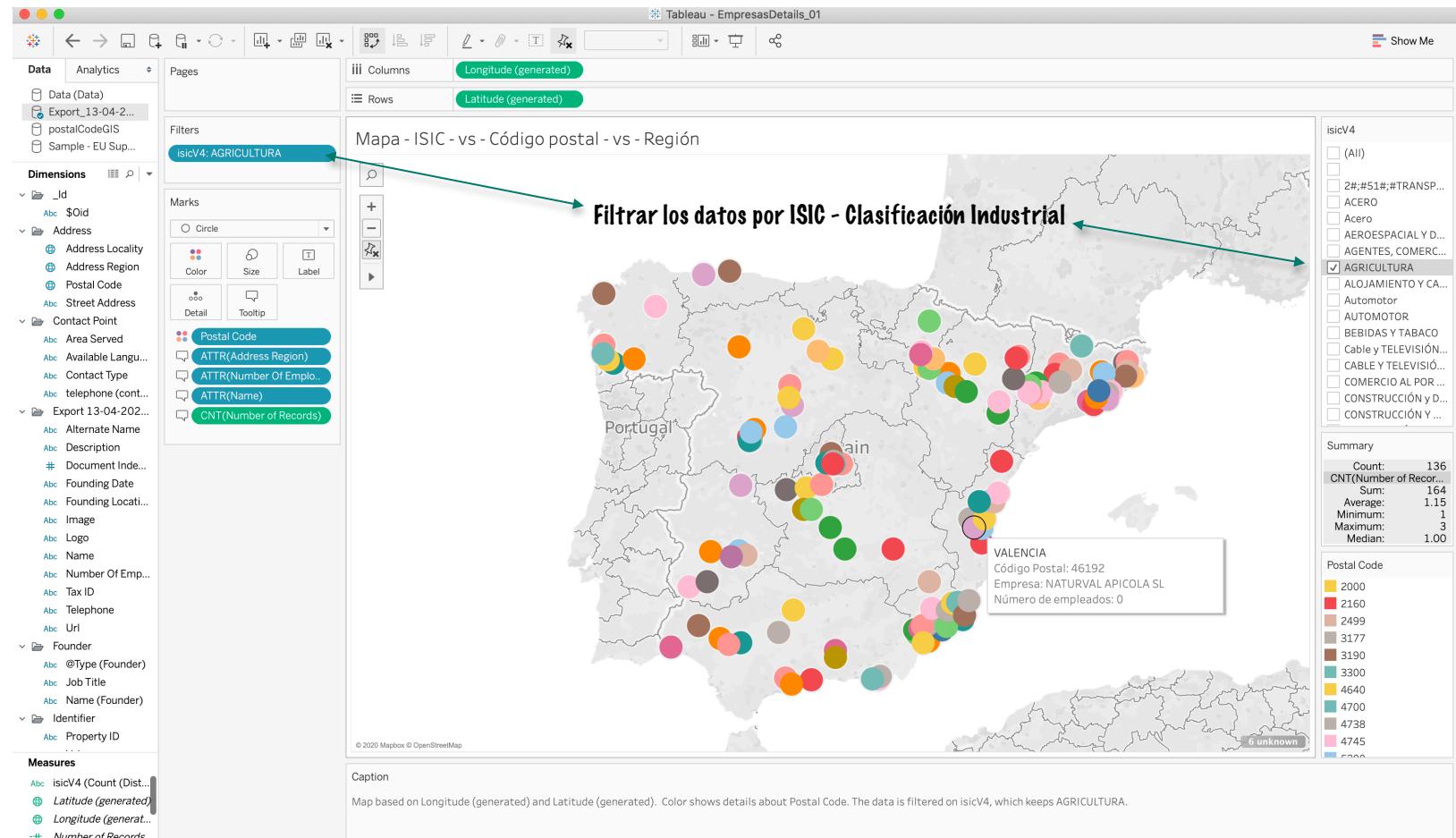
**Postal Code Legend:**

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

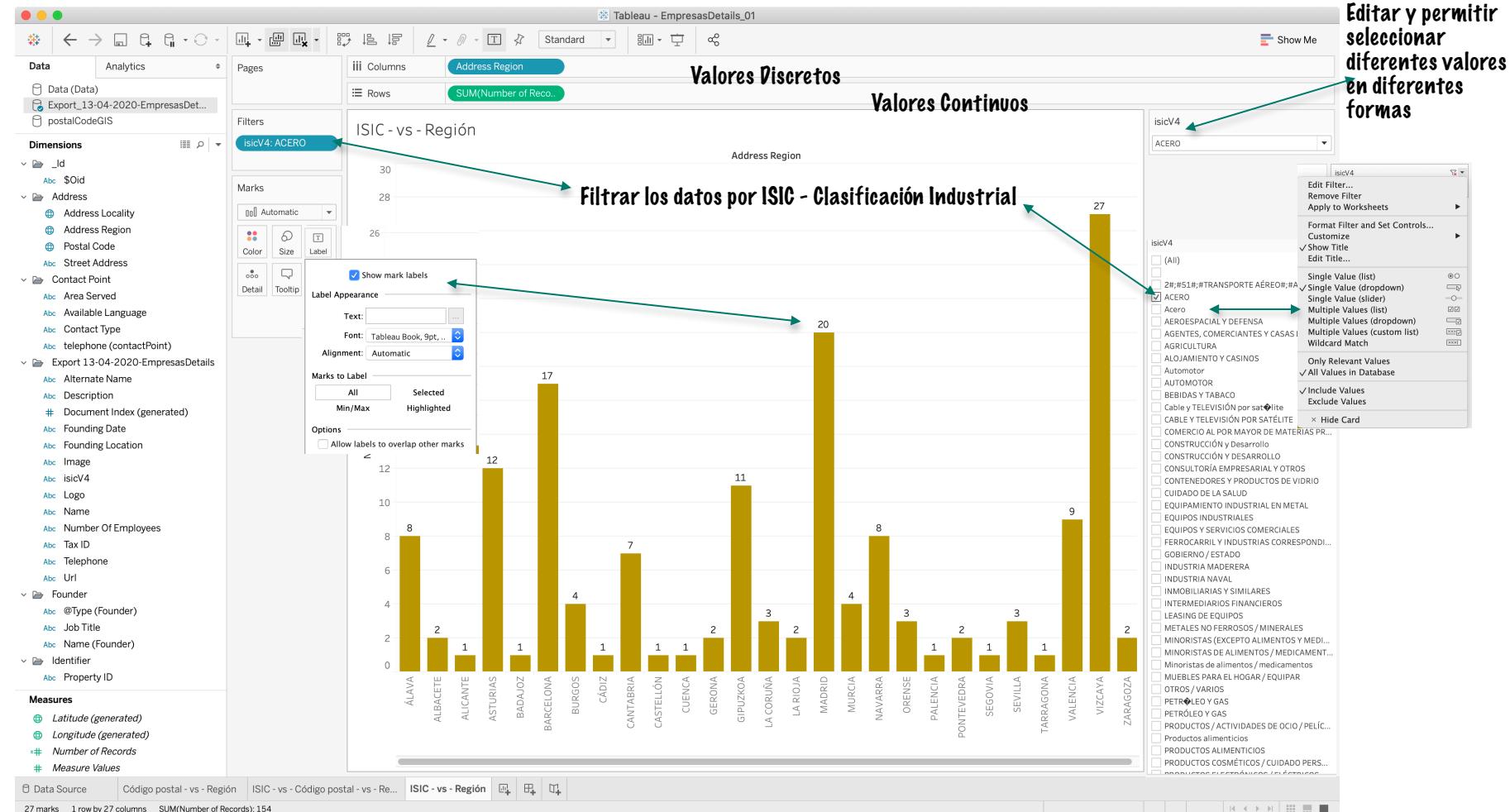
**Sample legend:**

Size	Range	Mark size range
1	By range	Smallest
10	Reversed	Largest
20	Start value for range	End value for range
30	1	30

# 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

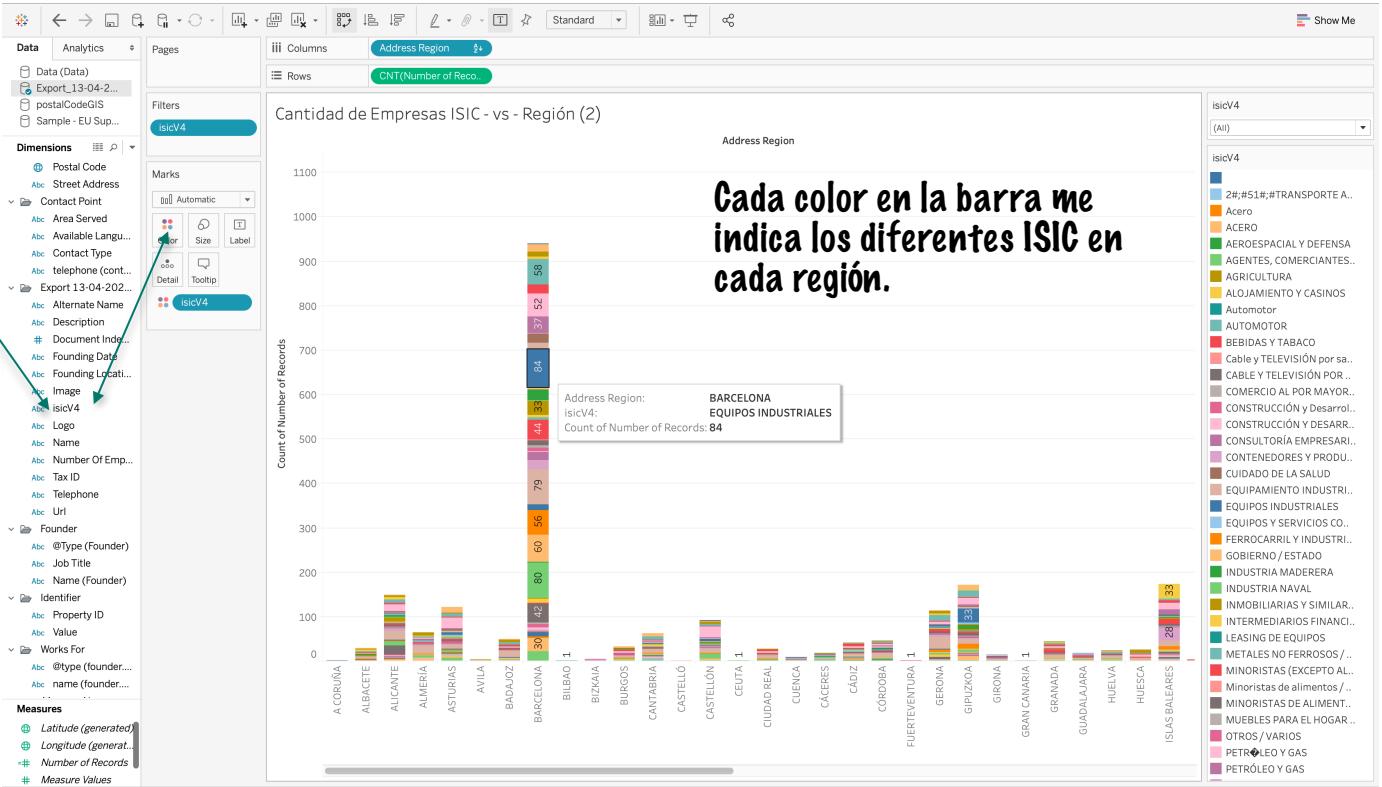
Dimensions

- 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

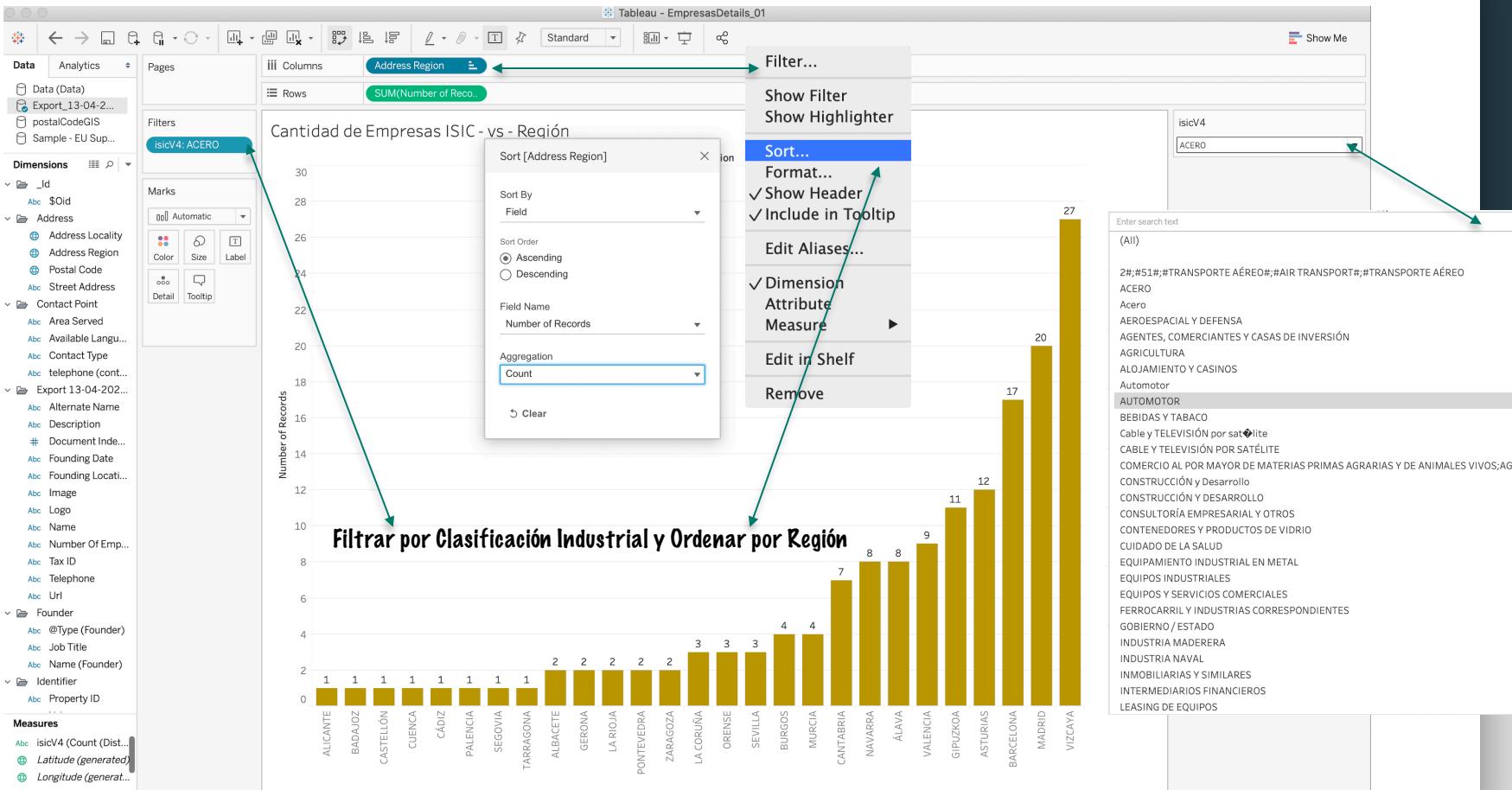
Marks

- Automatic
- Size
- Label
- Detail
- Tooltip

## Arrastre y Suelte una dimensión a Marks



# 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**

Filtrar los datos por ISIC Clasificación Industrial

Address Region	Name	Number Of Employees	Url	Telephone	
ÁLAVA	ARATUBO SA	181	http://www.aratubo.com	+34945290659	
	CASTMETAL VITORIA	186	http://www.estampaciones-rubi.com	+34945290000	
	ESTAMPACIONES RUBI SA	157		+34945260400	
	MUGAFIL SA	24	http://www.mugafil.com	+34944161622	
	TUBACEX SERVICE SOLUTIONS SA	25	http://www.trouwnutrition.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	
BADAJOZ	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	+34938203805	
	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...

# 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**

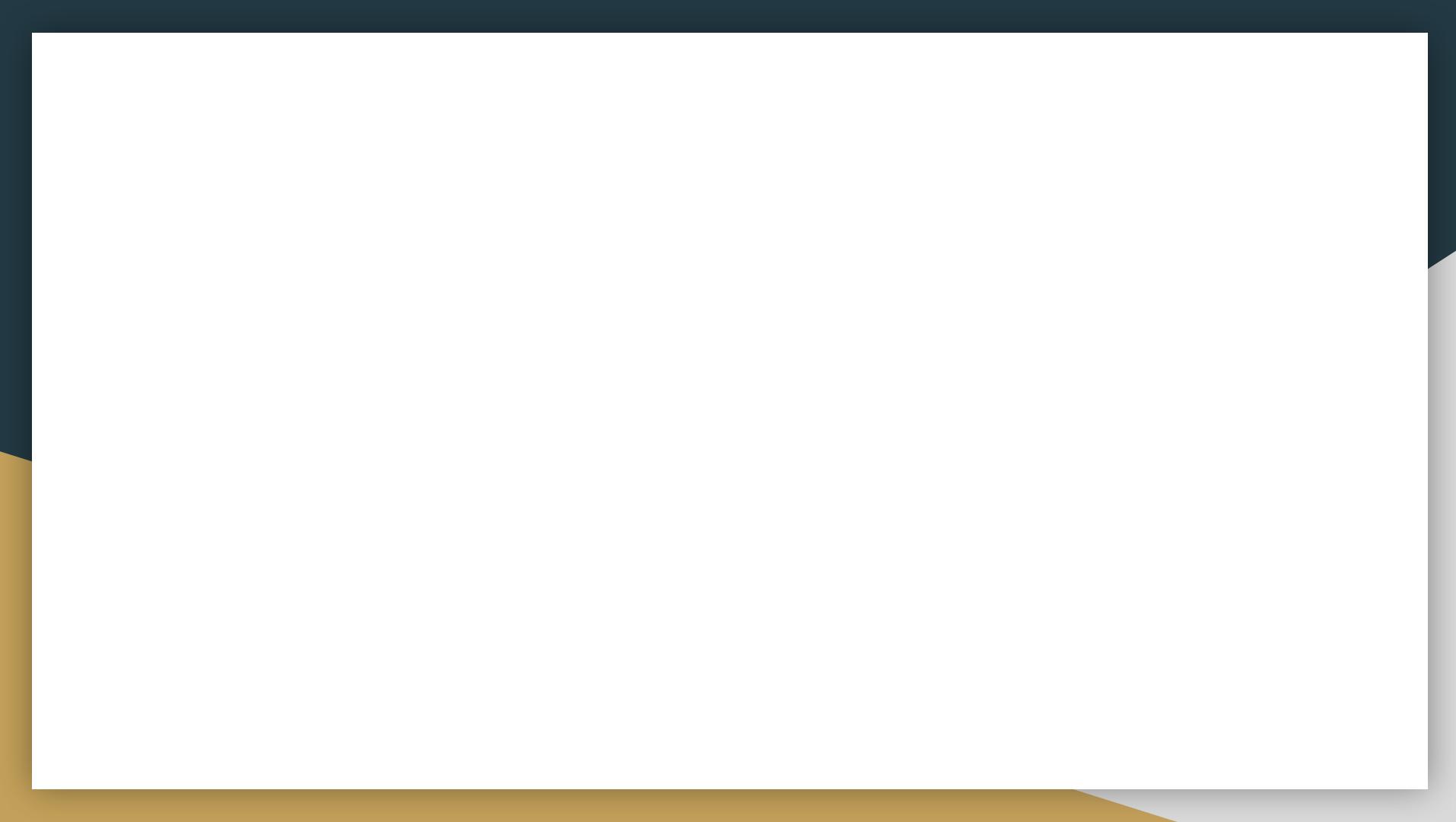
**Cambiar el tipo a Numérico**

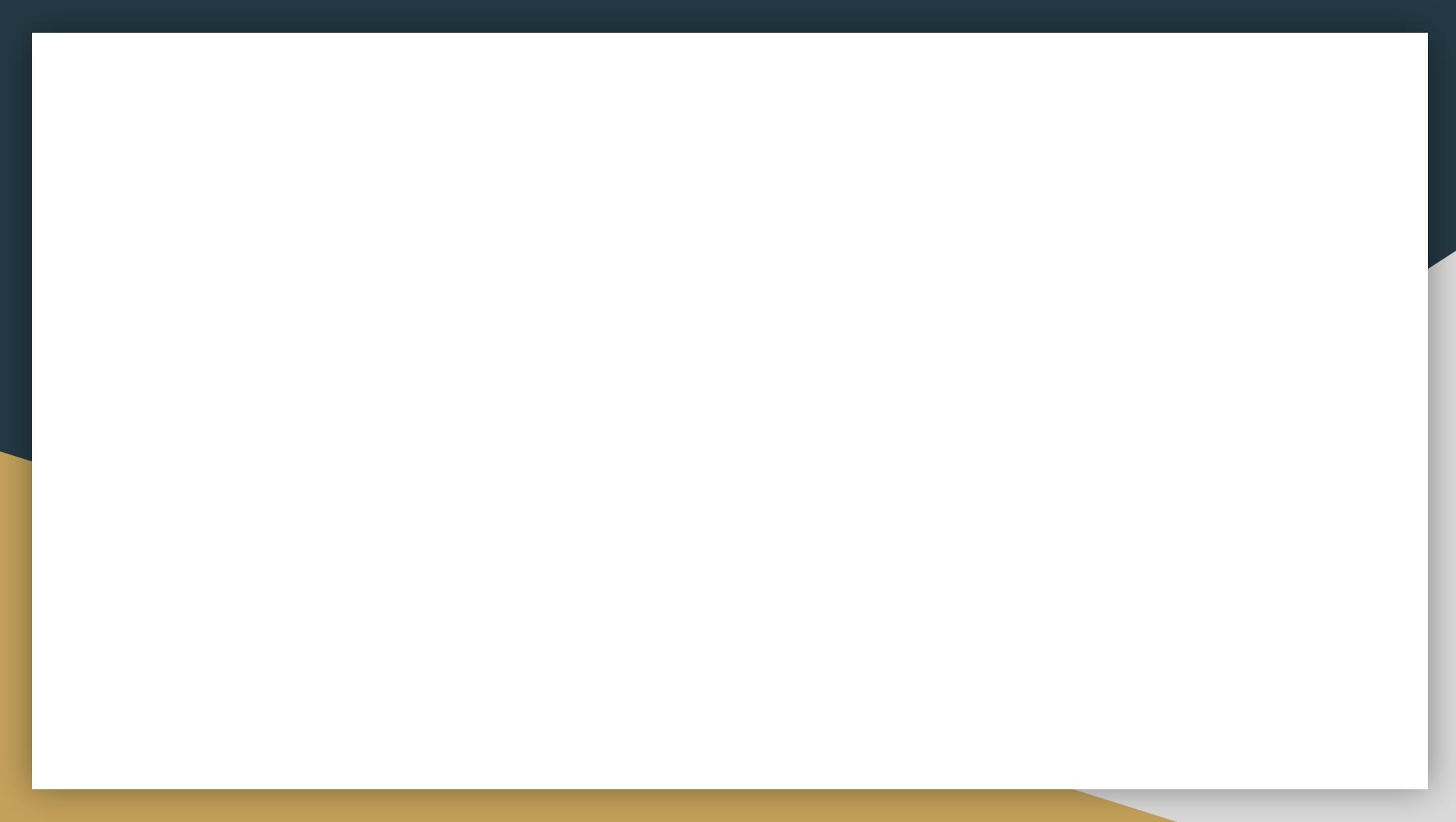
# Number Of E...

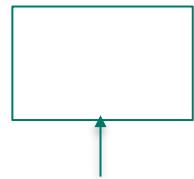
Address Region	Name	Number Of Employees	Url	Telephone
ALAVA	TUBOS REUNIDOS INDUSTRIAL SL	747	http://www.tubosreunidos.com	+34945897100
	TUBACEX TUBOS INOXIDABLES SA	642	http://www.tubacex.com	+34946719300
	CASTMETAL VITORIA SL	186	http://	+34945290000
	ARATUBO SA	181	http://www.aratubo.com	+34945290659
	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.vilardeellpurti.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...
- FERROCARRIL 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 ELET...







**Click y abrir la hoja de trabajo**