

TABLEAU

Visualización de la Información

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MSc Gestión de Información



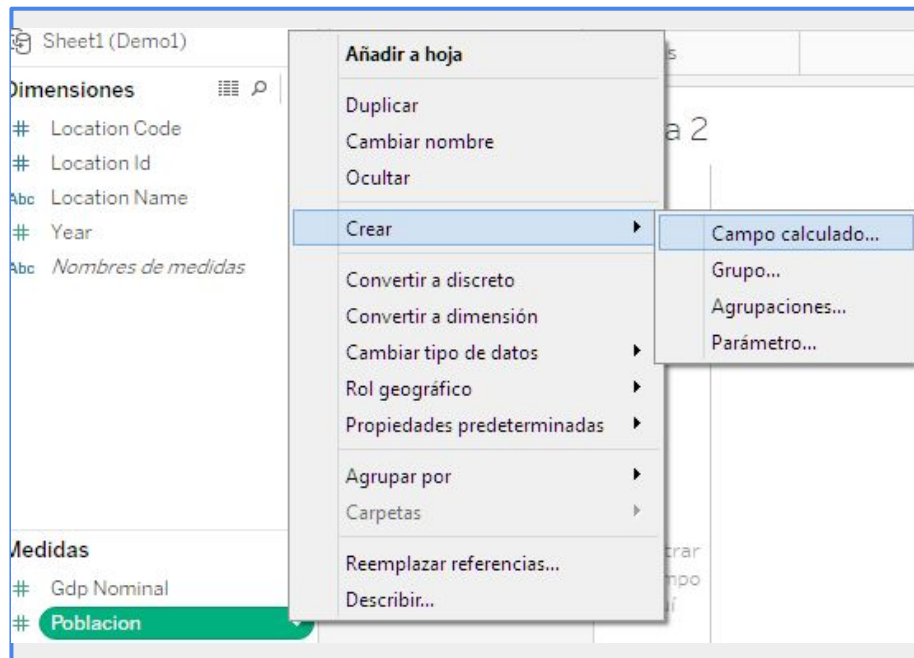
Módulo 2

- Identificación de Dimensiones y Medidas
- Campos Discretos y Continuos
- Campos Calculados
- Operadores IF , AND ,OR
- Funciones LOOKUP , RIGHT, CONTAINS
- Conexión entre diferentes tipos de tablas
- Filtros, color, formatos , páginas
- Bin, Grupos

Parte II

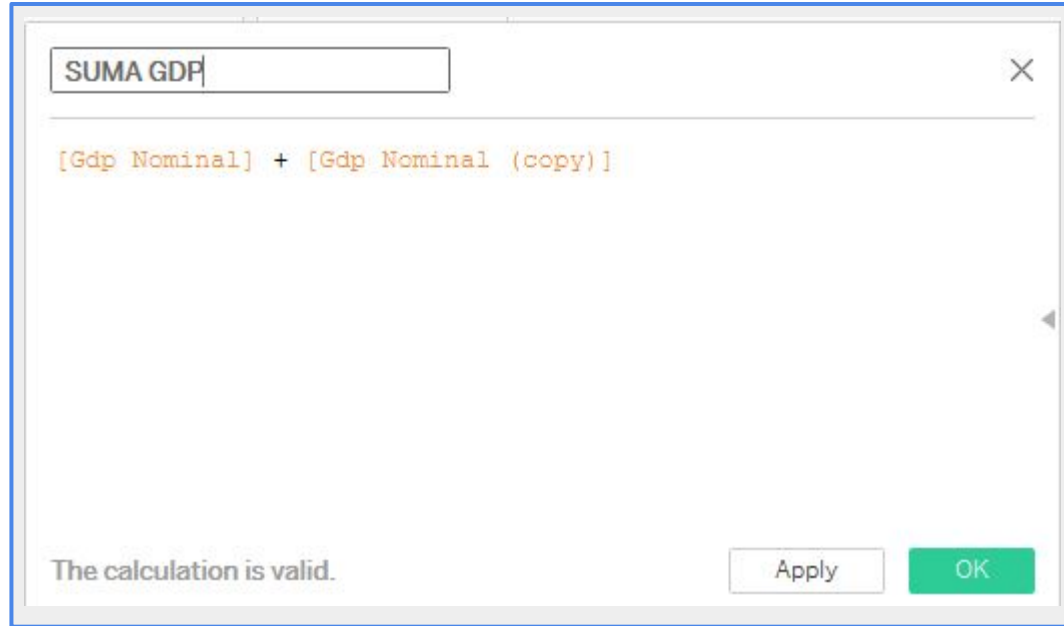
- Campos Calculados
- Operadores IF , AND ,OR

Creación de Campos Calculados



Create
↓
Calculated
field

Creación de Campos Calculados



A screenshot of a software dialog box for creating a calculated field. The dialog has a title bar with a close button (X). Inside, there is a text input field at the top containing the text "SUMA GDP". Below this, a larger text area contains the formula "[Gdp Nominal] + [Gdp Nominal (copy)]". At the bottom left, a status message reads "The calculation is valid.". At the bottom right, there are two buttons: "Apply" and "OK". The "OK" button is highlighted in green.

SUMA GDP

[Gdp Nominal] + [Gdp Nominal (copy)]

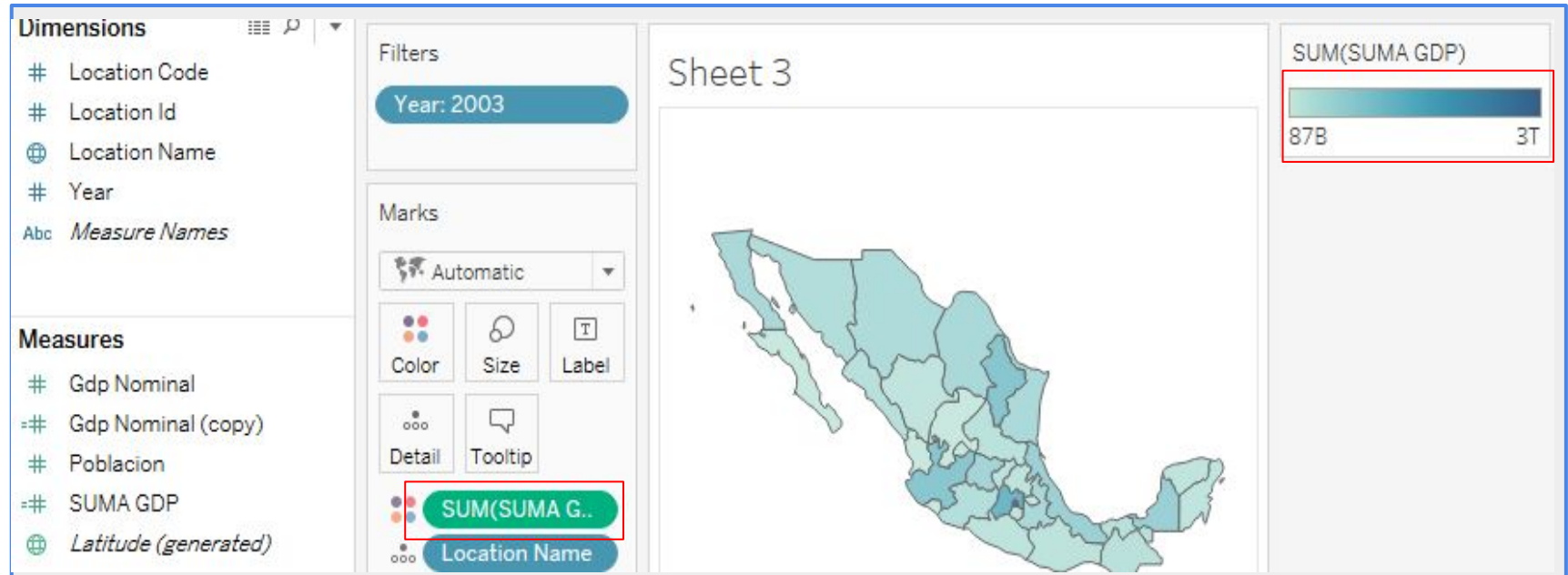
The calculation is valid.

Apply OK

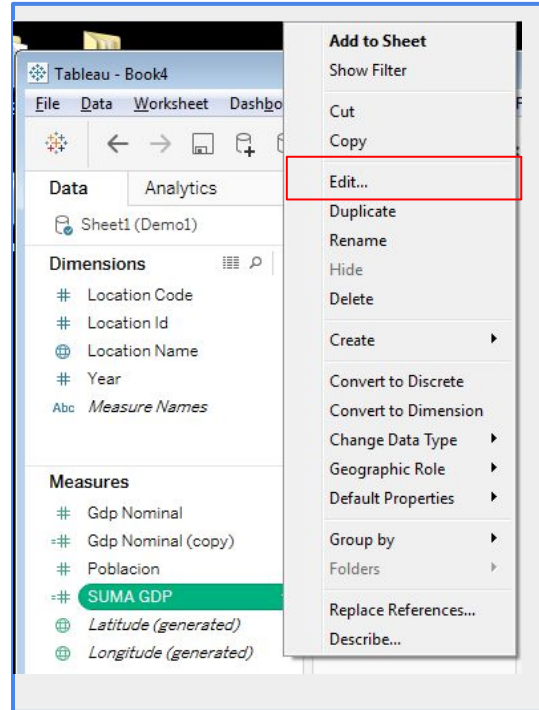
Creación de Campos Calculados



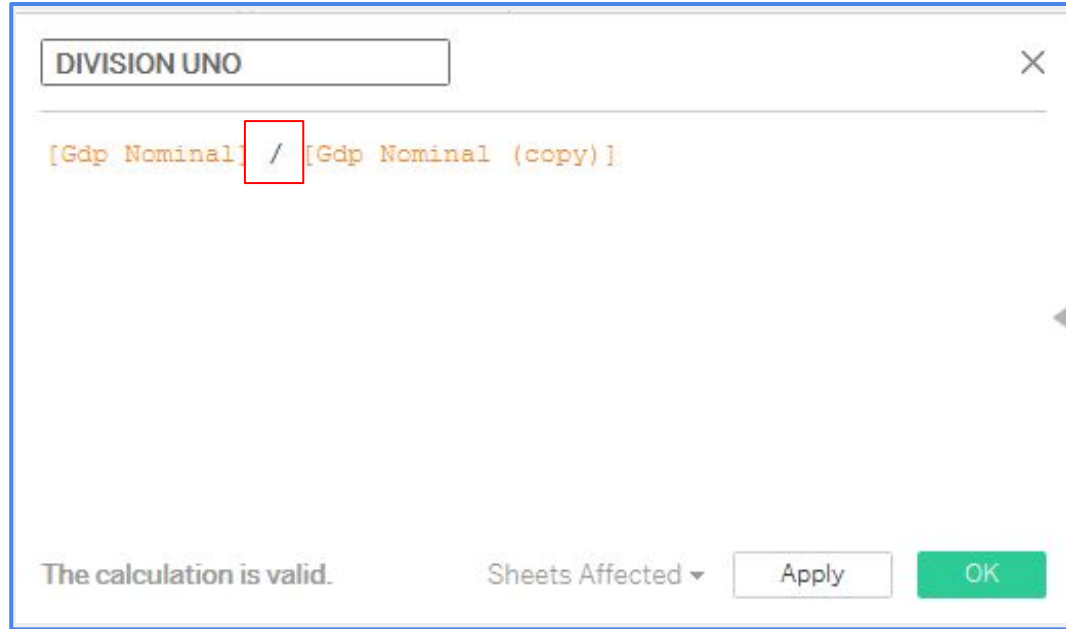
Creación de Campos Calculados



Creación de Campos Calculados

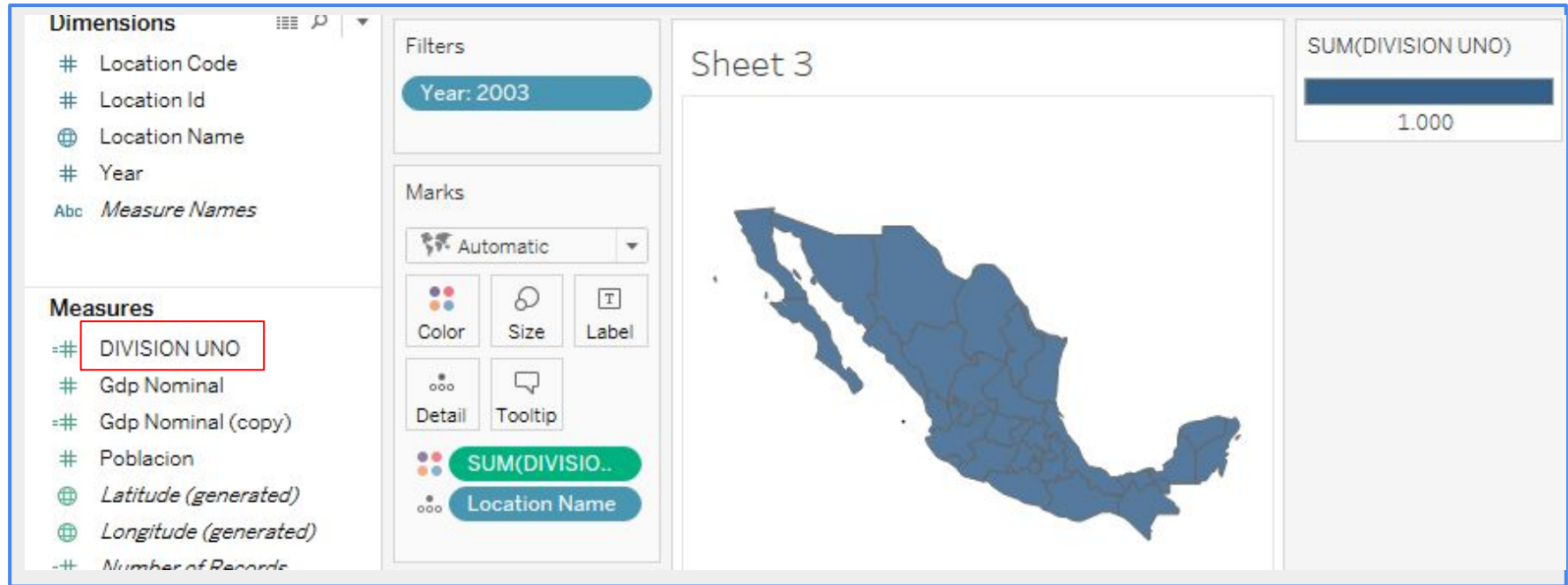


Creación de Campos Calculados



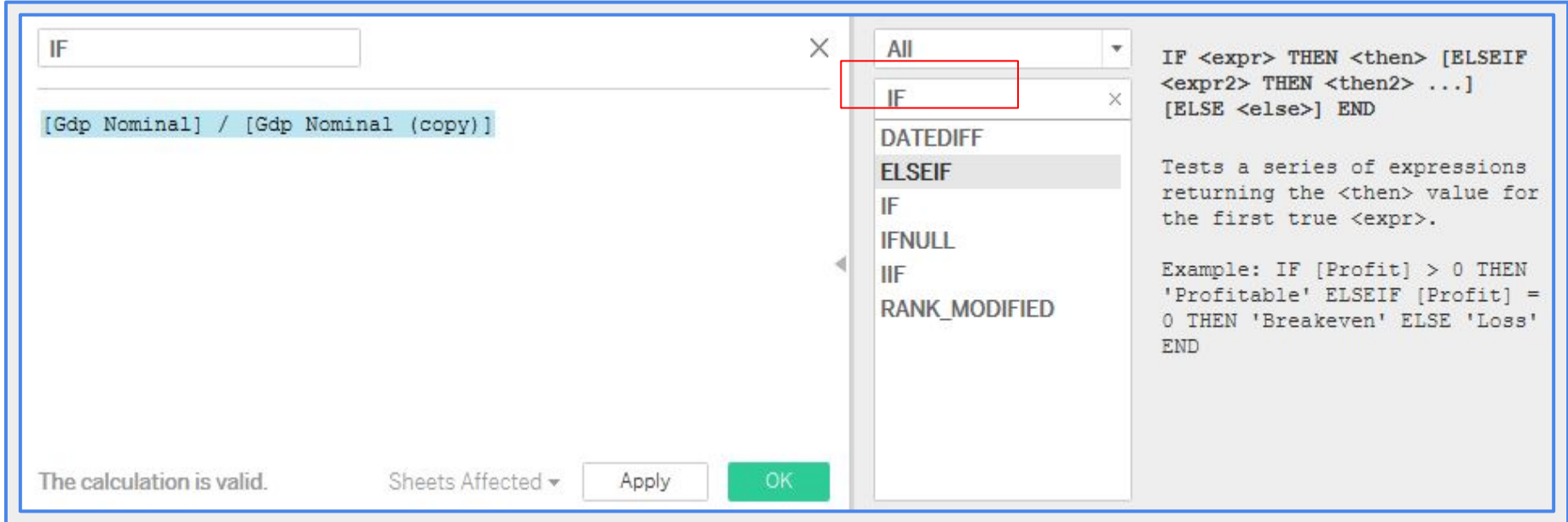
A screenshot of a software dialog box titled "DIVISION UNO" with a close button (X) in the top right corner. The main area contains the formula `[Gdp Nominal] / [Gdp Nominal (copy)]` in a monospaced font. The forward slash (/) is highlighted with a red square. At the bottom, there is a status message "The calculation is valid.", a dropdown menu labeled "Sheets Affected", and two buttons: "Apply" and "OK".

Creación de Campos Calculados



Operadores IF AND OR

Editamos Division Uno, el campo calculado creado en la anterior sección



The screenshot shows the Excel formula bar with the formula `[Gdp Nominal] / [Gdp Nominal (copy)]`. A dropdown menu is open, showing the selection of the **IF** operator. The **IF** option is highlighted with a red box. To the right of the dropdown, a text box provides the syntax for the IF operator: `IF <expr> THEN <then> [ELSEIF <expr2> THEN <then2> ...] [ELSE <else>] END`. Below the syntax, it states: "Tests a series of expressions returning the <then> value for the first true <expr>." An example is provided: `Example: IF [Profit] > 0 THEN 'Profitable' ELSEIF [Profit] = 0 THEN 'Breakeven' ELSE 'Loss' END`. At the bottom of the formula bar, it says "The calculation is valid." and "Sheets Affected" with a dropdown arrow. There are "Apply" and "OK" buttons.

IF

`[Gdp Nominal] / [Gdp Nominal (copy)]`

The calculation is valid. Sheets Affected ▼ Apply OK

All

IF

DATEDIFF

ELSEIF

IF

IFNULL

IIF

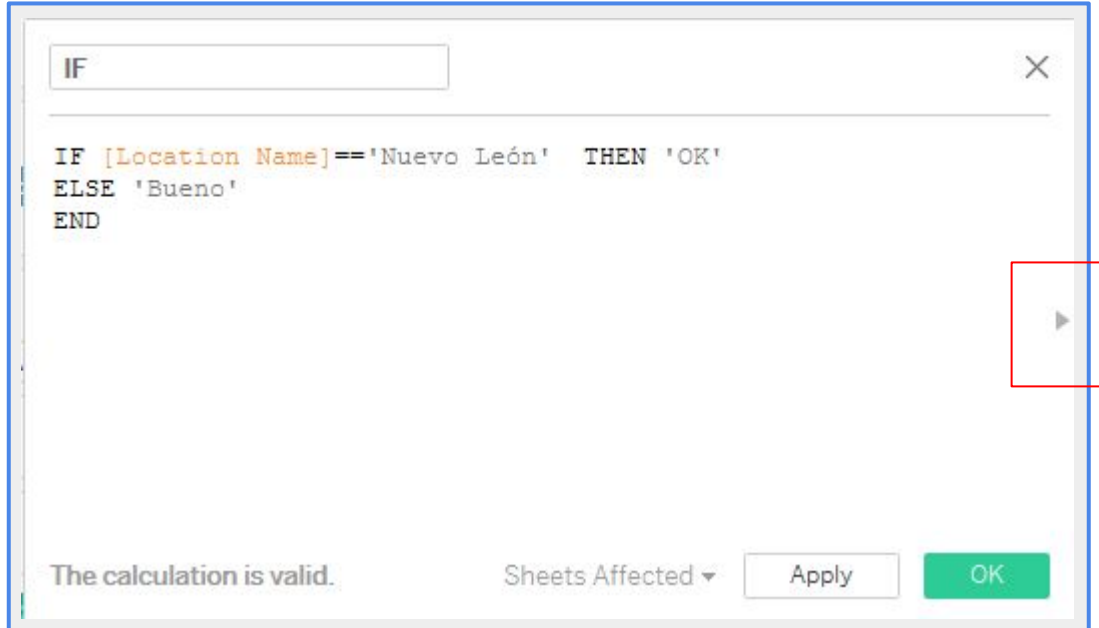
RANK_MODIFIED

IF <expr> THEN <then> [ELSEIF <expr2> THEN <then2> ...] [ELSE <else>] END

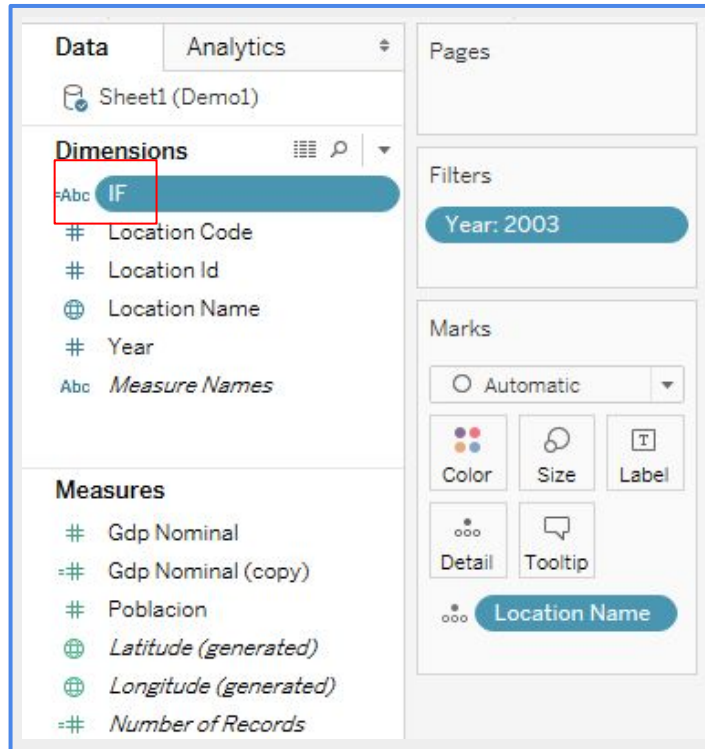
Tests a series of expressions returning the <then> value for the first true <expr>.

Example: IF [Profit] > 0 THEN 'Profitable' ELSEIF [Profit] = 0 THEN 'Breakeven' ELSE 'Loss' END

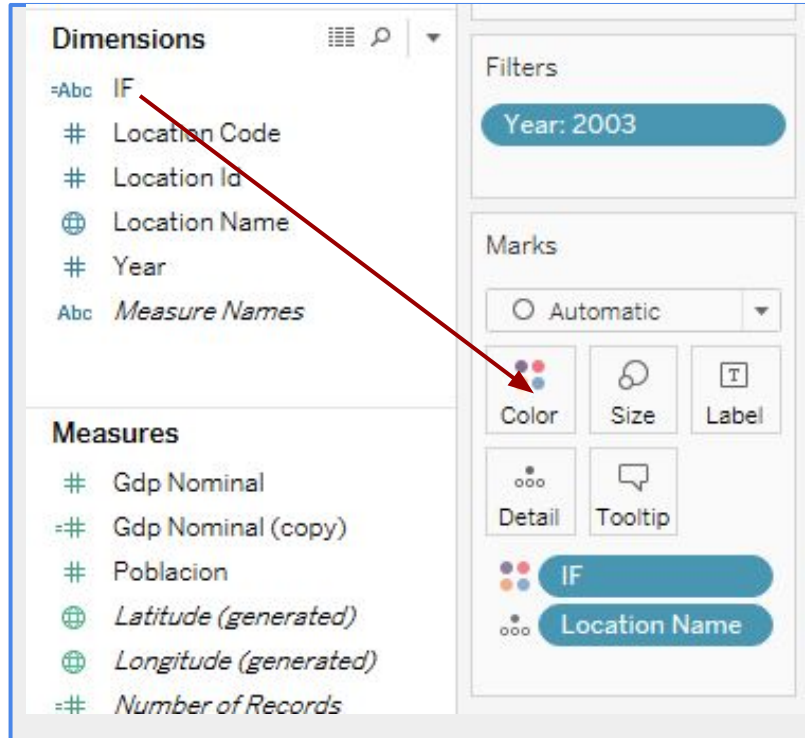
Operadores IF AND OR



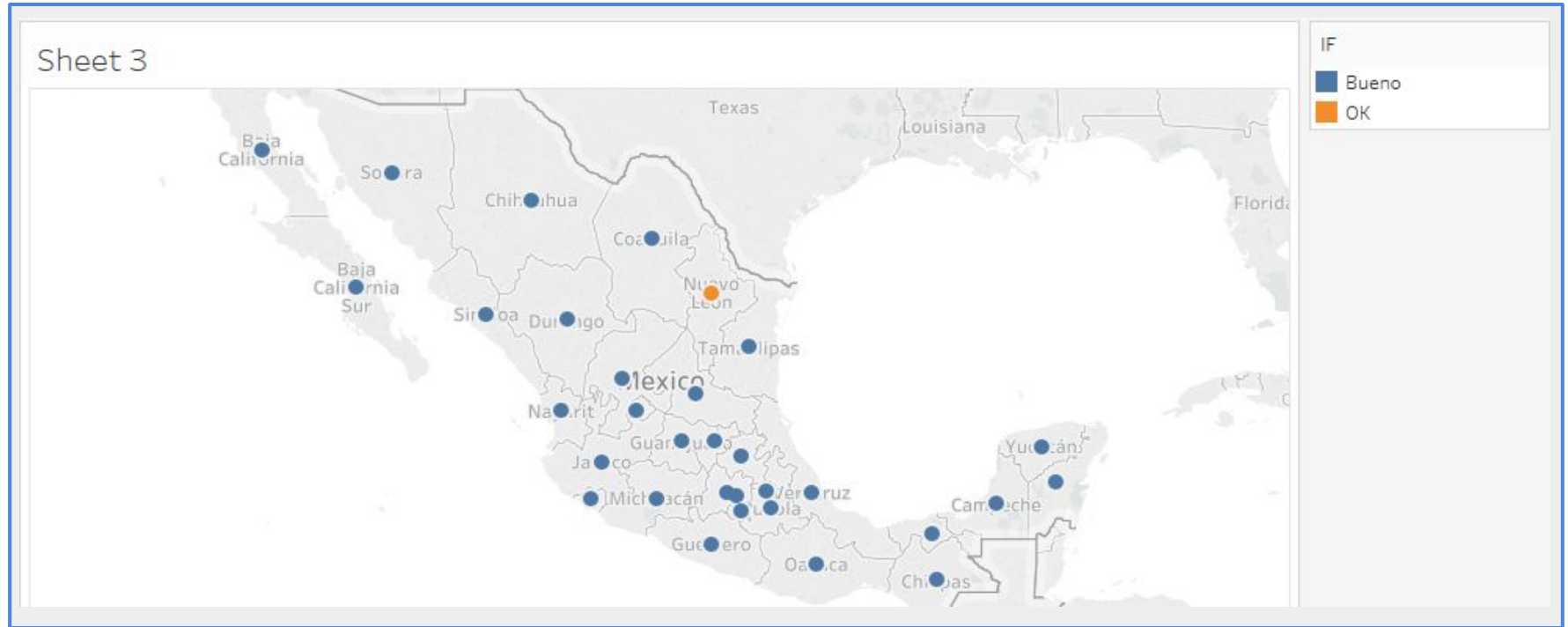
Operadores IF AND OR



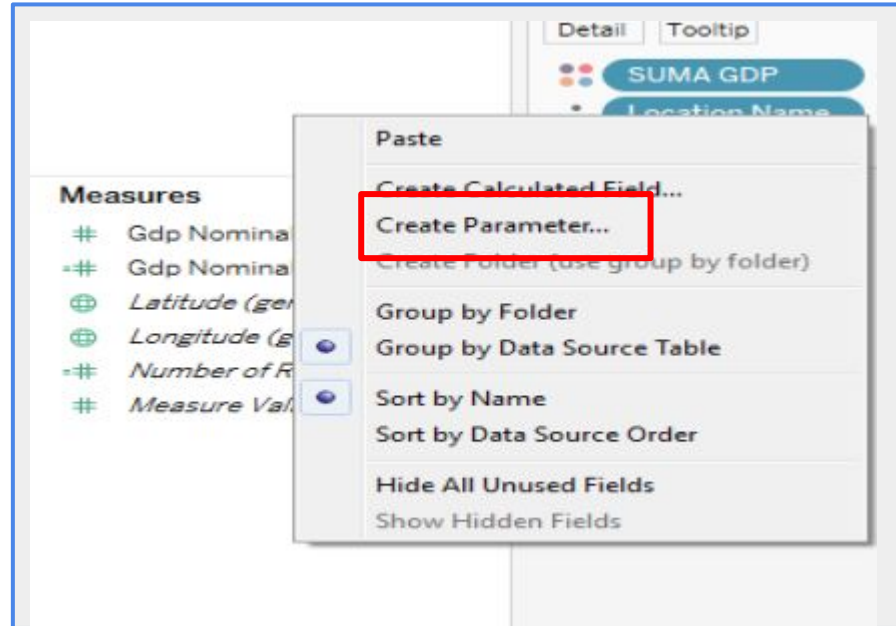
Operadores IF AND OR



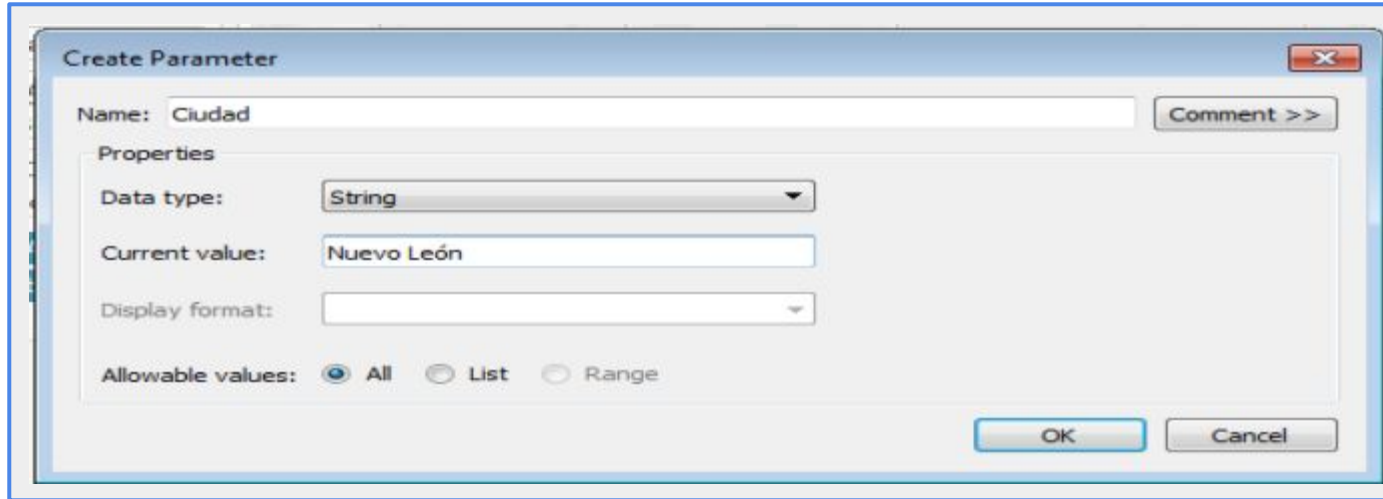
Operadores IF AND OR



Parámetro



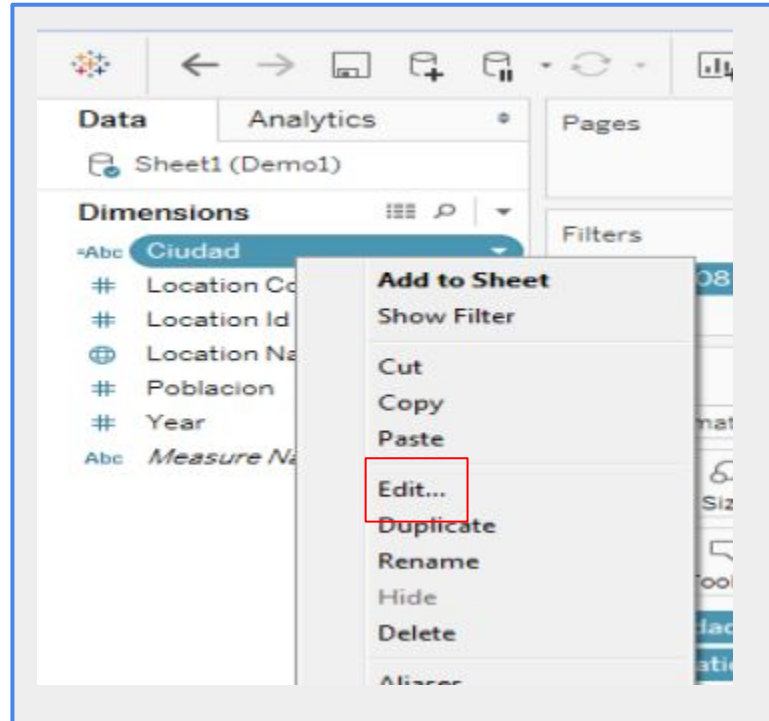
Parámetro



The image shows a 'Create Parameter' dialog box with the following fields and options:

- Name:** Ciudad
- Comment >>** (button)
- Properties** (section header)
- Data type:** String (dropdown menu)
- Current value:** Nuevo León (text input field)
- Display format:** (empty dropdown menu)
- Allowable values:** ☒ All ☐ List ☐ Range (radio buttons)
- OK** (button)
- Cancel** (button)

Parámetro



Parámetro

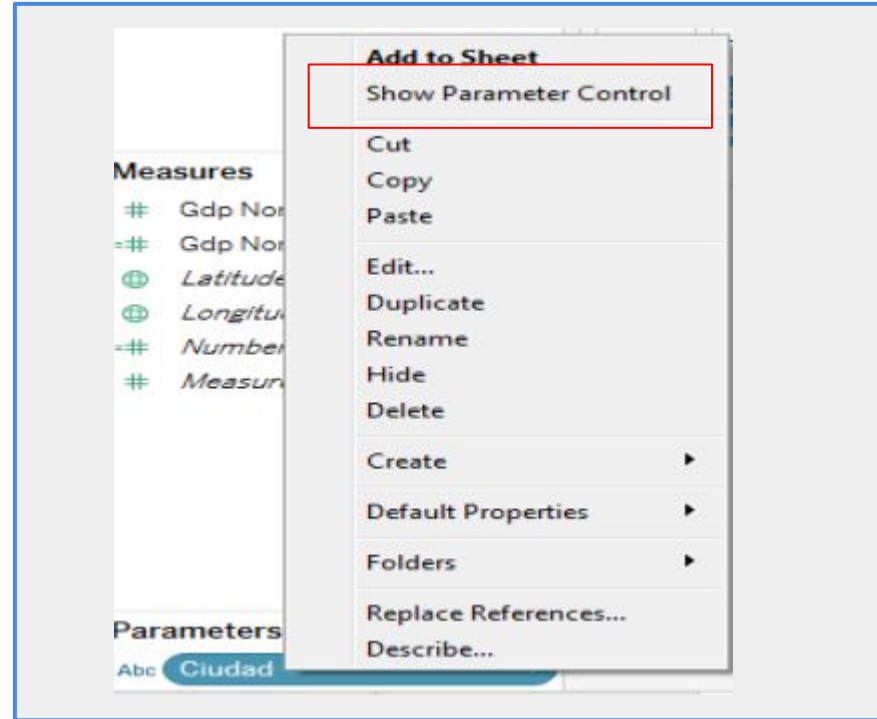
The screenshot shows a data analytics application interface. At the top, there is a toolbar with various icons for navigation and analysis. Below the toolbar, the main workspace is divided into several sections: 'Data' (containing 'Sheet1 (Demo1)'), 'Analytics' (with a dropdown menu), 'Pages', 'Columns' (showing 'Longitude (generated)'), and 'Rows' (showing 'Latitude (generated)').

A 'Dimensions' panel on the left lists various data fields: '# Location', '# Location', '# Location', '# Población', '-Abc SUMA G', '# Year', and 'Abc Measure'. A dialog box is open over this panel, titled 'Ciudad' in its input field. The dialog contains a code editor with the following text:

```
IF [Location Name]==[Ciudad] THEN 'OK'  
ELSE 'Otro'  
END
```

At the bottom of the dialog, a status message reads 'The calculation is valid.' To the right of this message is a 'Sheets Affected' dropdown menu, followed by 'Apply' and 'OK' buttons.

Parámetro



Parámetro

enne

abar

Year

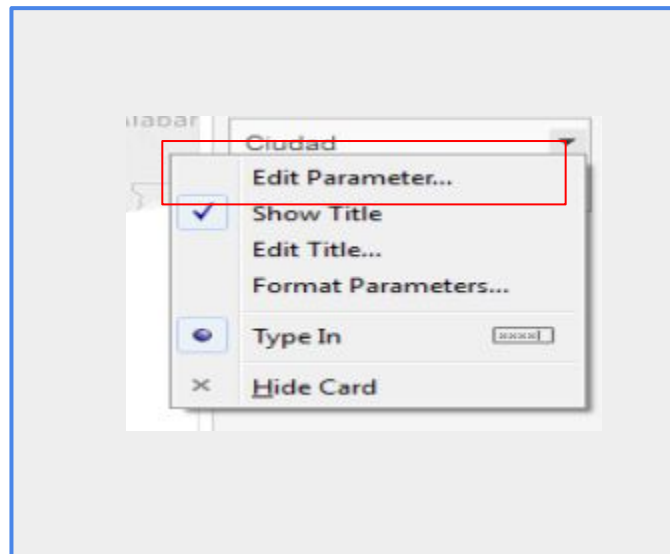
2008

Ciudad

Otro

Ciudad

Parámetro



Parámetro

Edit Parameter [Ciudad]

Name: Comment >>

Properties

Data type:

Current value:

Display format:

Allowable values: ☐ All ☒ List ☐ Range

List of values

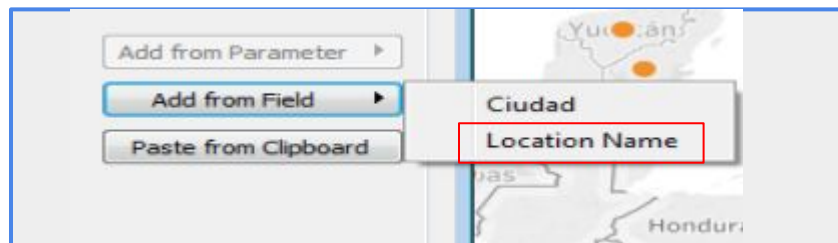
Value	Display As
Click to add new value	

Add from Parameter ▶
Add from Field ▶
Paste from Clipboard

Clear All

OK Cancel

Parámetro



Parámetro

Edit Parameter [Ciudad]

Name:

Properties

Data type:

Current value:


Display format:

Allowable values: ☐ All ☒ List ☐ Range

List of values

Value	Display As
Aguascalientes	Aguascalientes
Baja California	Baja California
Baja California Sur	Baja California Sur
Campeche	Campeche
Chiapas	Chiapas
Chihuahua	Chihuahua
Coahuila	Coahuila
Colima	Colima
Distrito Federal	Distrito Federal

Parámetro



The image shows a web form with three distinct sections, each enclosed in a light gray box. The first section is labeled 'Year' and contains a dropdown menu with '2008' selected. The second section is labeled 'Ciudad' and contains two radio buttons: 'OK' (blue) and 'Otro' (orange). The third section is also labeled 'Ciudad' and contains a text input field with 'Aguascalientes' entered. A red rectangular border highlights the text input field in the third section.

Year

2008

Ciudad

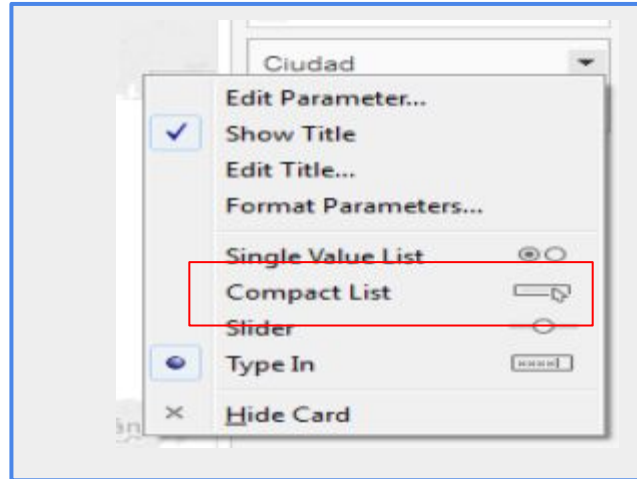
☐ OK

☐ Otro

Ciudad

Aguascalientes

Parámetro



Parámetro

Year

2008

Ciudad

☐ OK

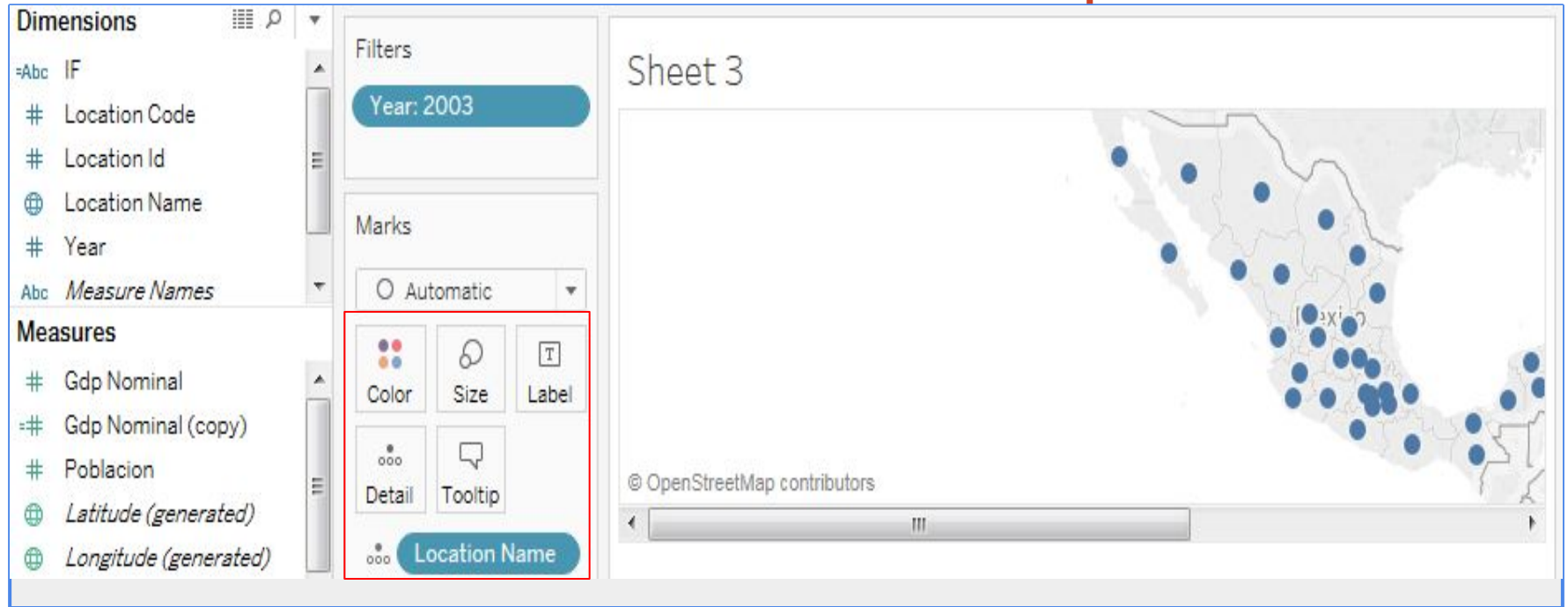
☐ Otro

Ciudad

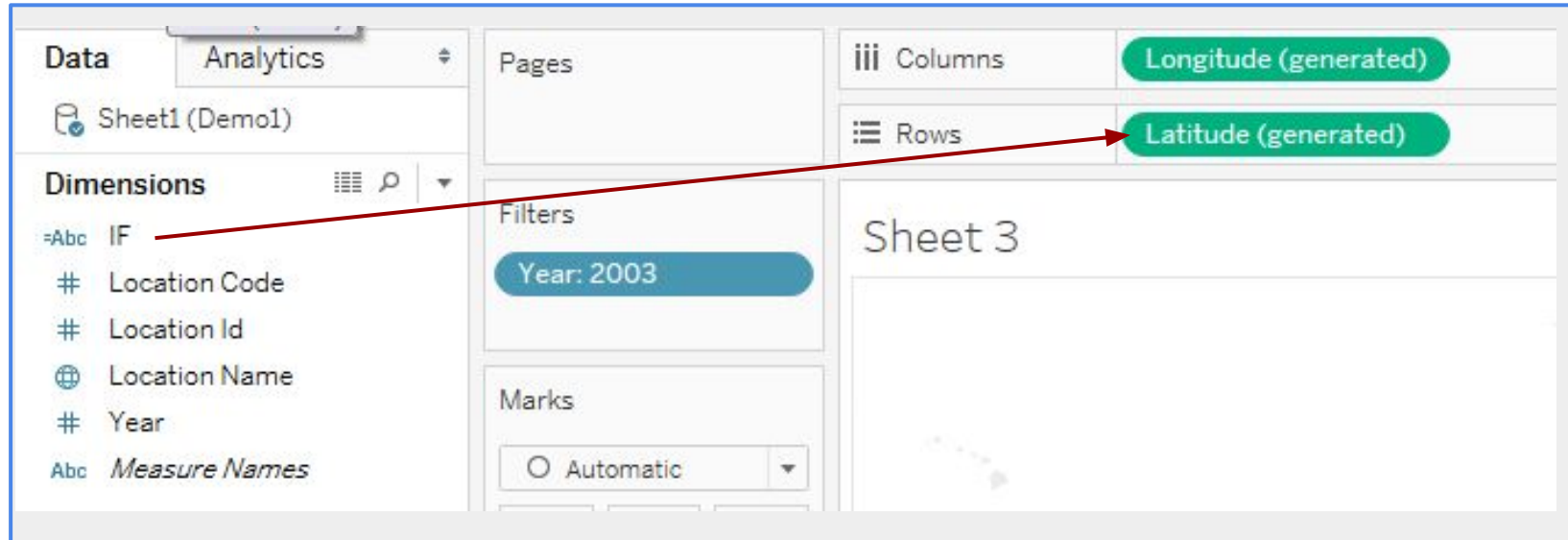
Colima

Operadores IF AND OR

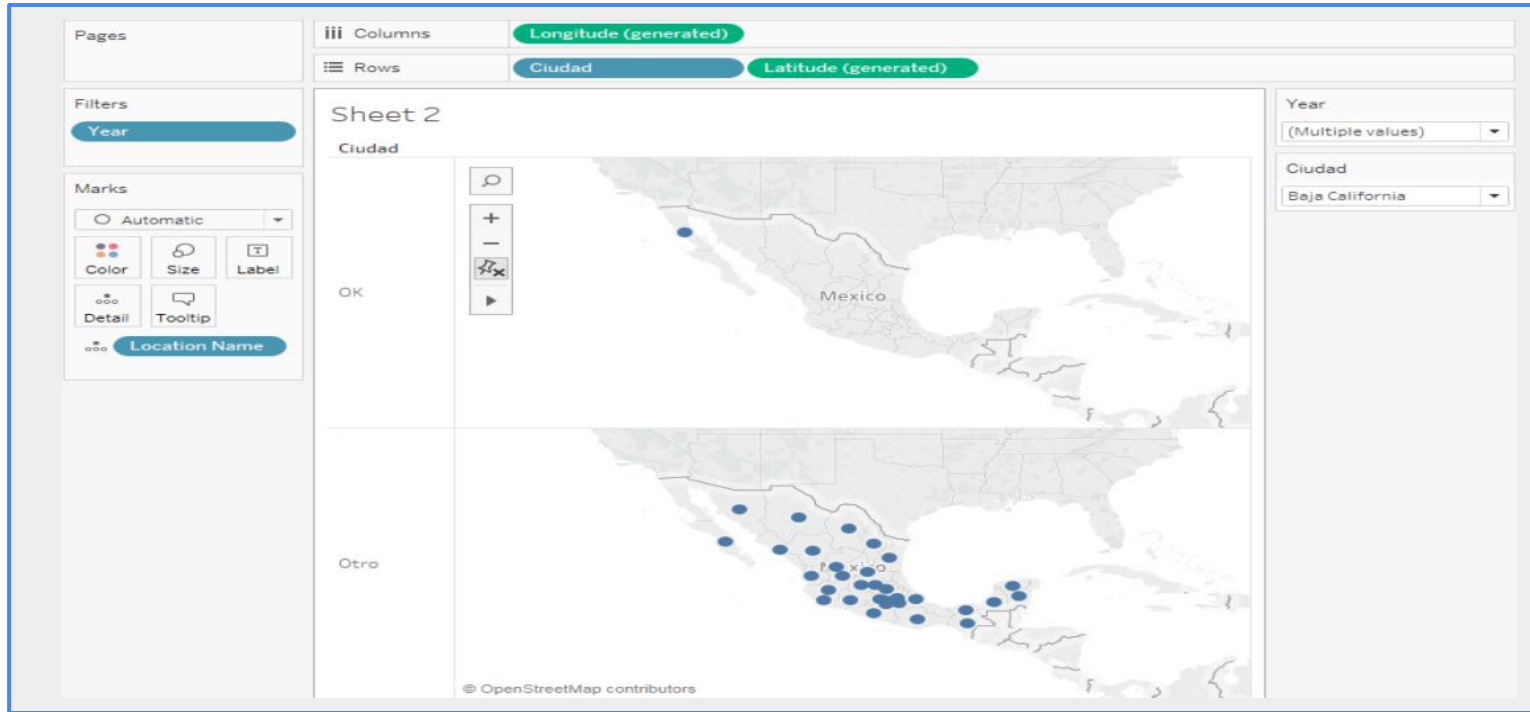
Eliminamos de marcas el campo calculado



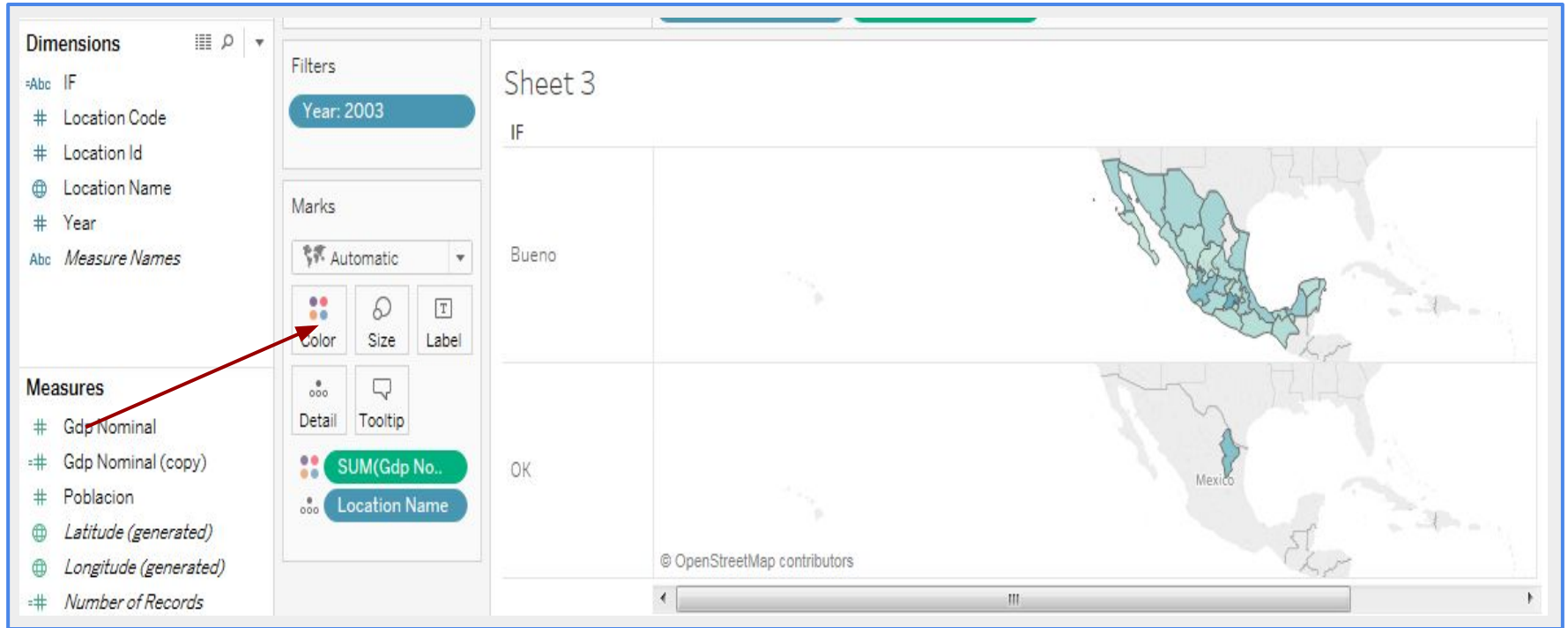
Operadores IF AND OR



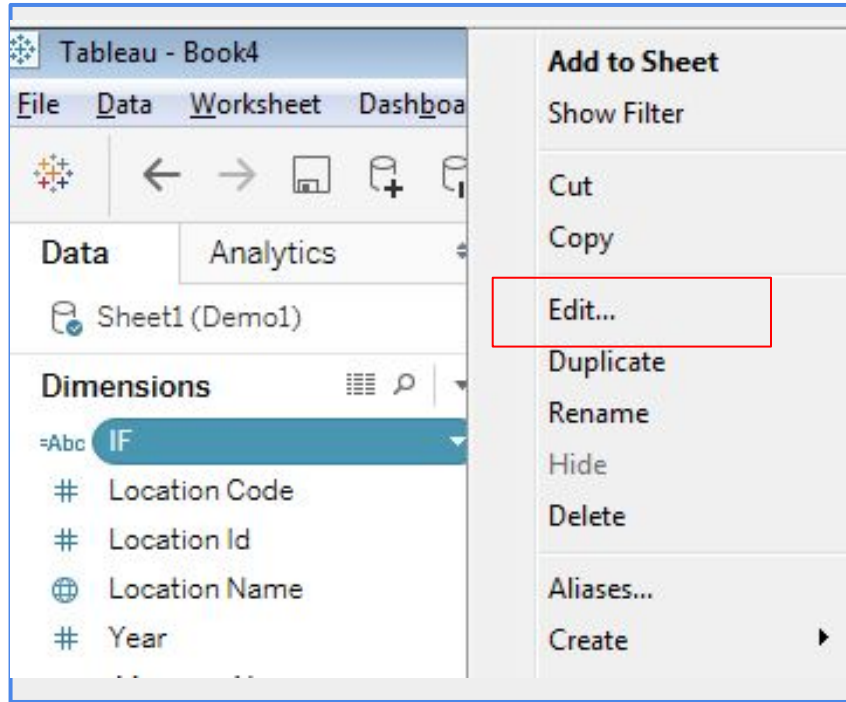
Operadores IF AND OR



Operadores IF AND OR



Operadores IF AND OR



Operadores IF AND OR



IF

```
IF [Location Name]=='Nuevo León' AND [Location Name]=='Coahuila' THEN 'OK'  
ELSE 'Bueno'  
END
```

The calculation is valid.

Sheets Affected ▾ Apply OK

Operadores IF AND OR

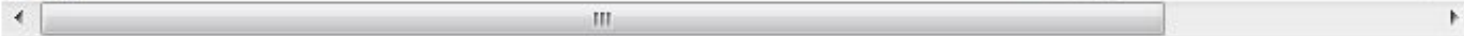
Ningún estado tiene los dos nombres

Sheet 3

IF

Bueno

© OSM



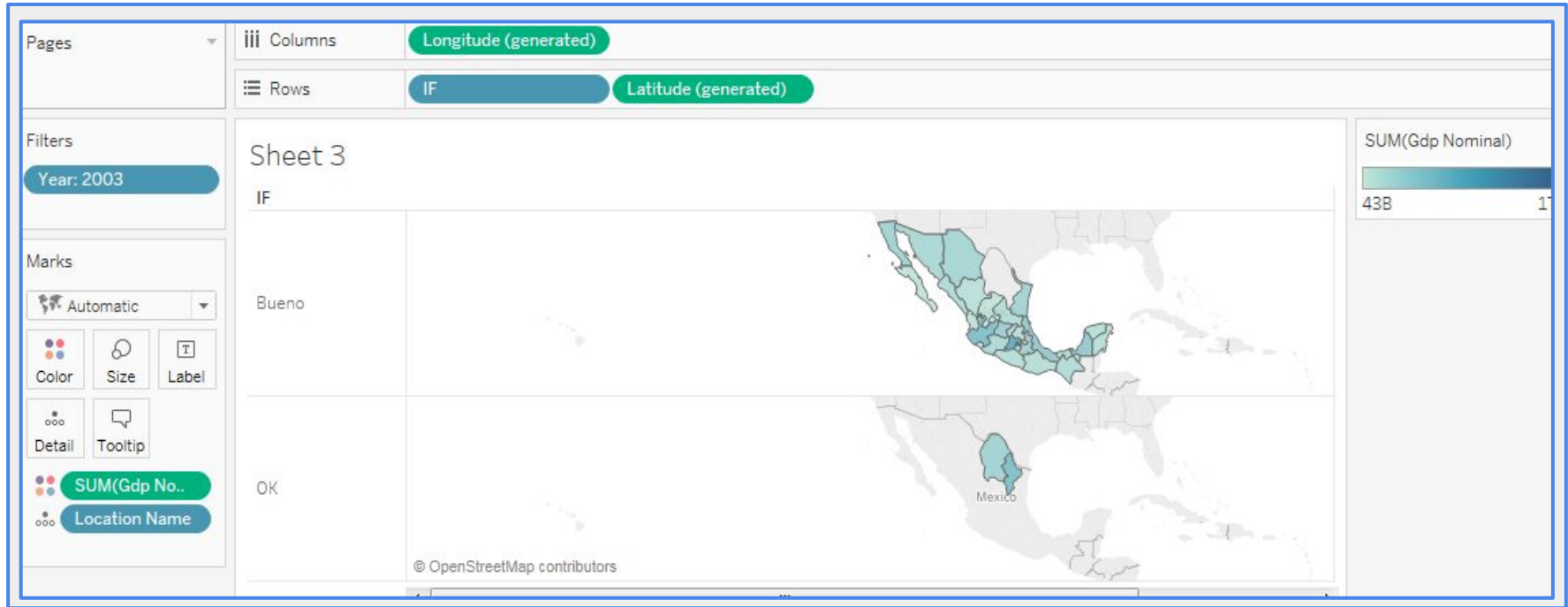
Operadores IF AND OR

IF

IF [Location Name]=='Nuevo León' OR [Location Name]=='Coahuila' THEN 'OK'
ELSE 'Bueno'
END

The calculation is valid. Sheets Affected ▼ Apply OK

Operadores IF AND OR



Ejercicio

