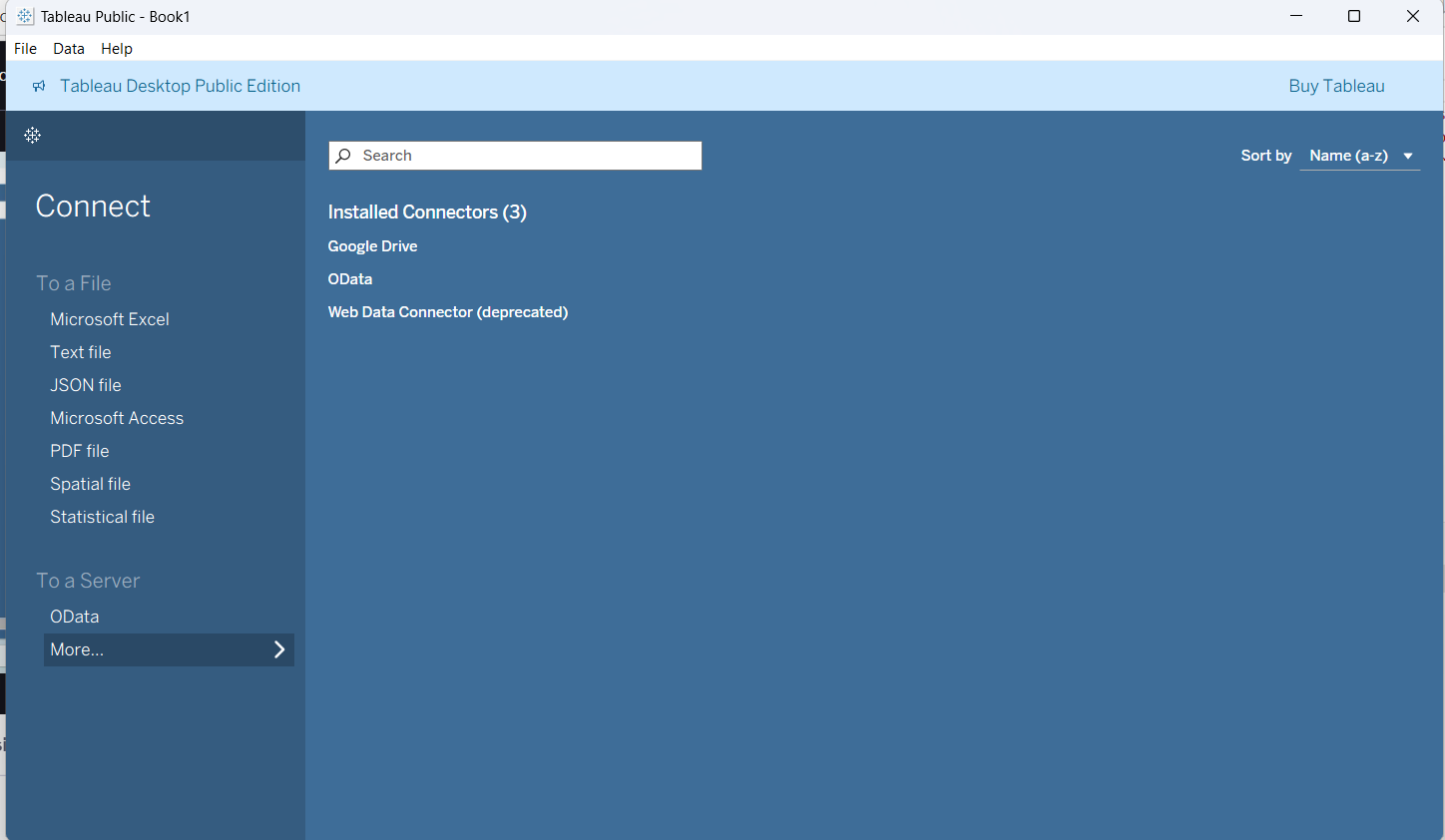
**IMPORTANCE OF DATA VISUALIZATION**

Simplifies complex data to make decisions

**GETTING STARTED WITH TABLEAU**

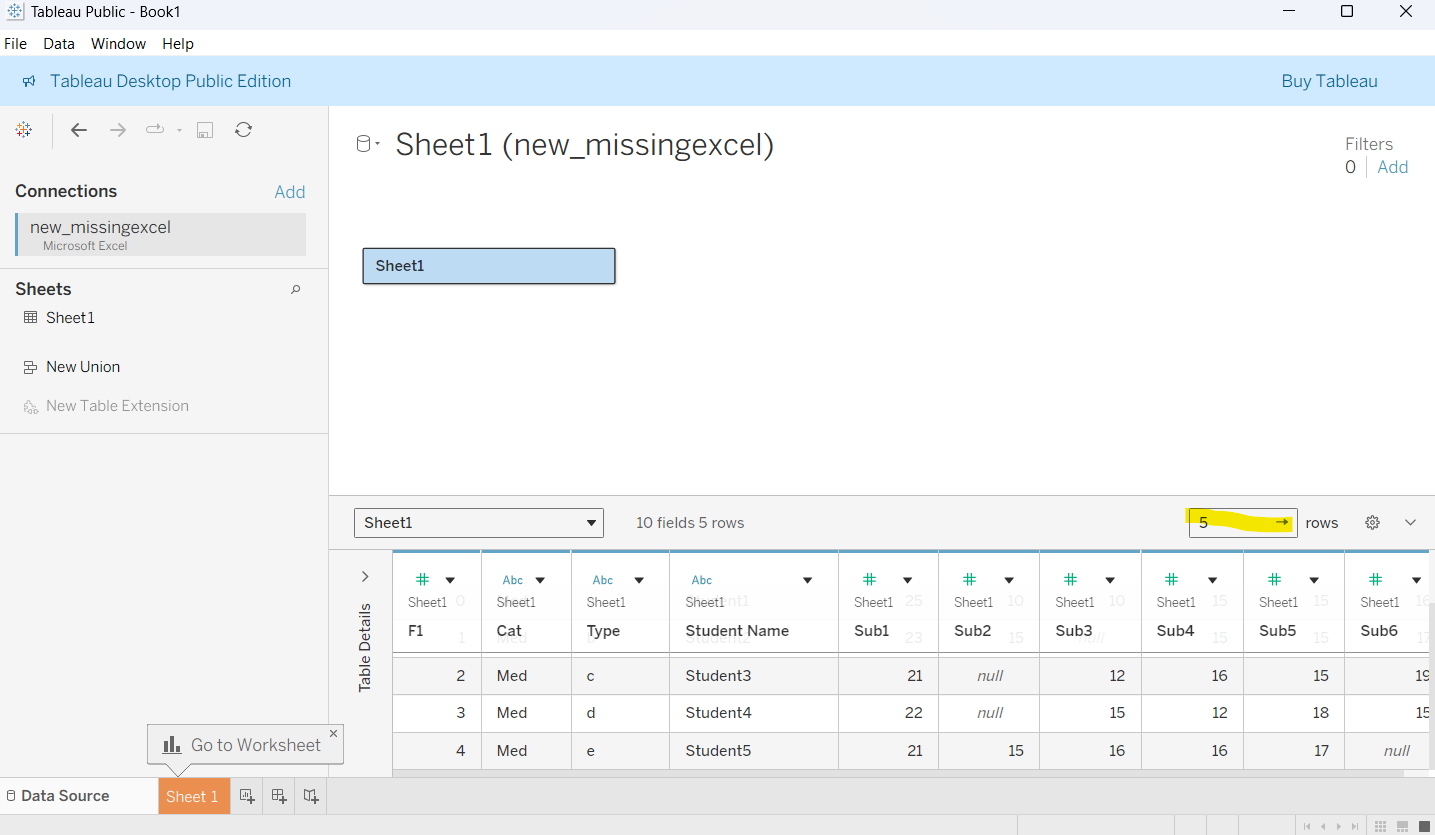
1. **Connecting tables through server**

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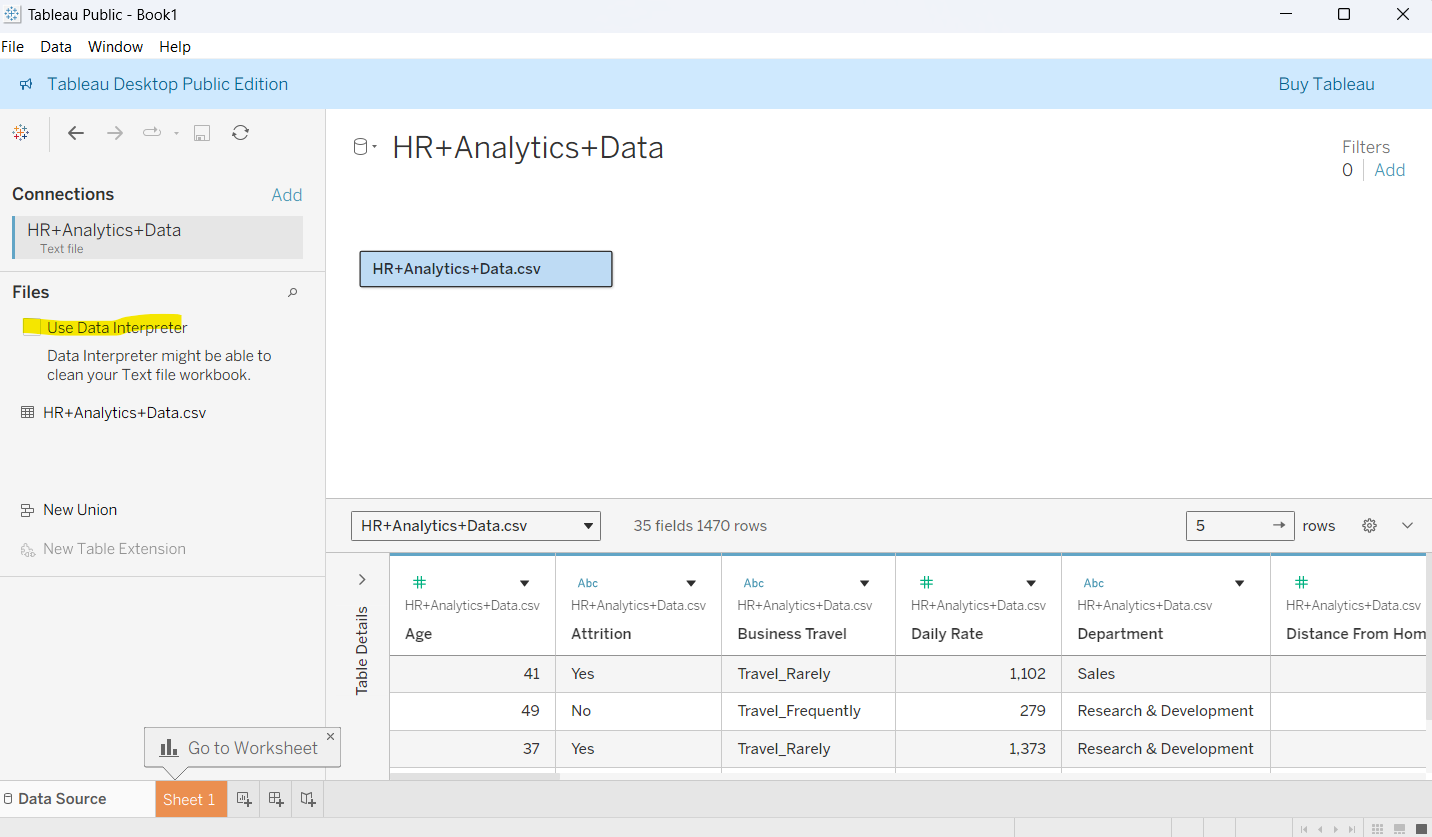
In above image more option we can find the options to take data from any existing relational

database servers.

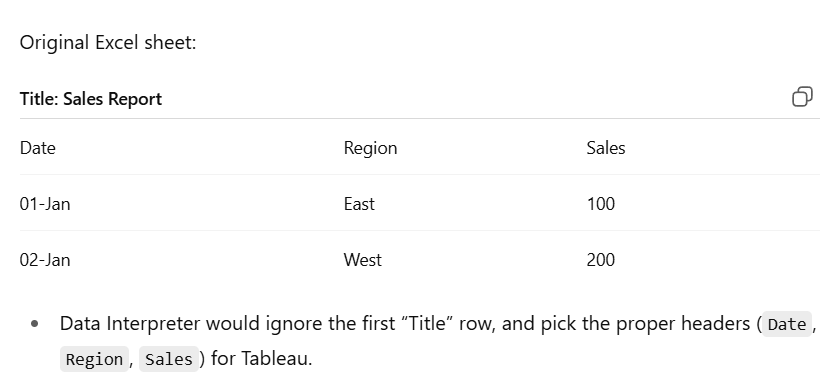
1. **Loading excel sheet –** It can be done using To a file option, after loading it below is the screen, in row we can enter how many rows we want to load all data.

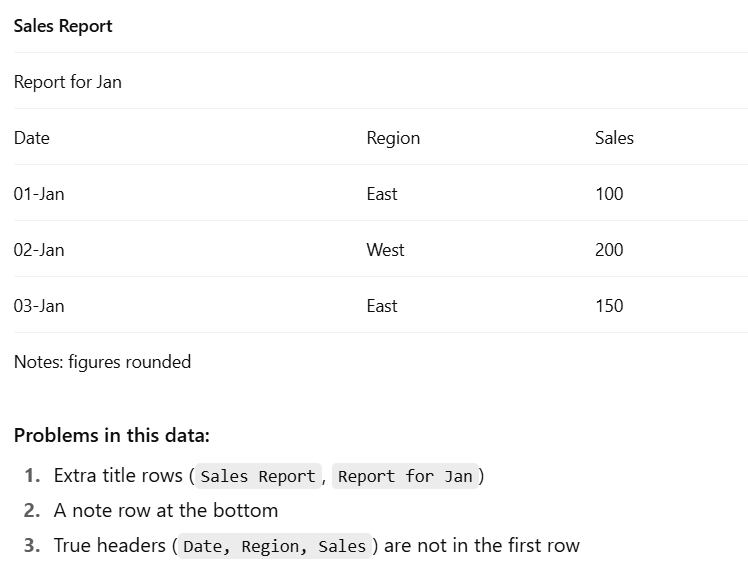
****

1. **Cleaning text file in work sheet –** when we load excel, csv files there a option called use data interpreter will be available that will cleans the excel sheet before loading the excel sheet into tableau.

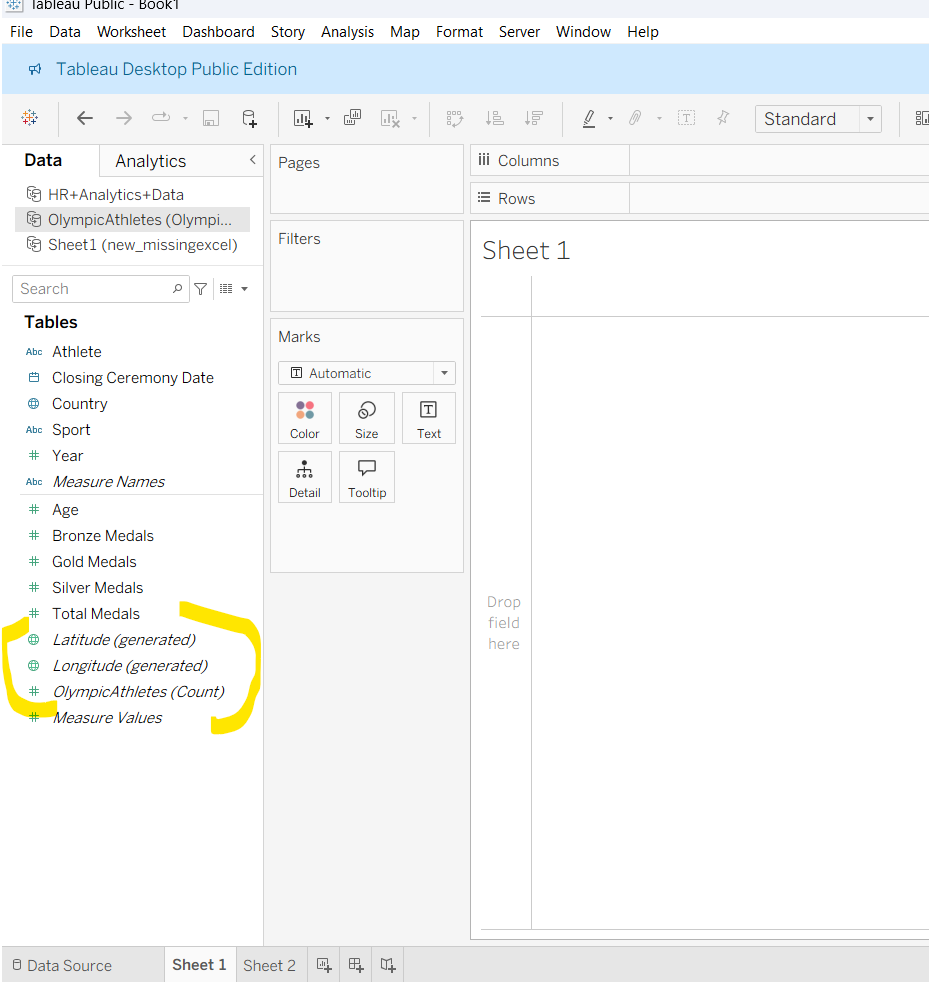
****

**Example:**

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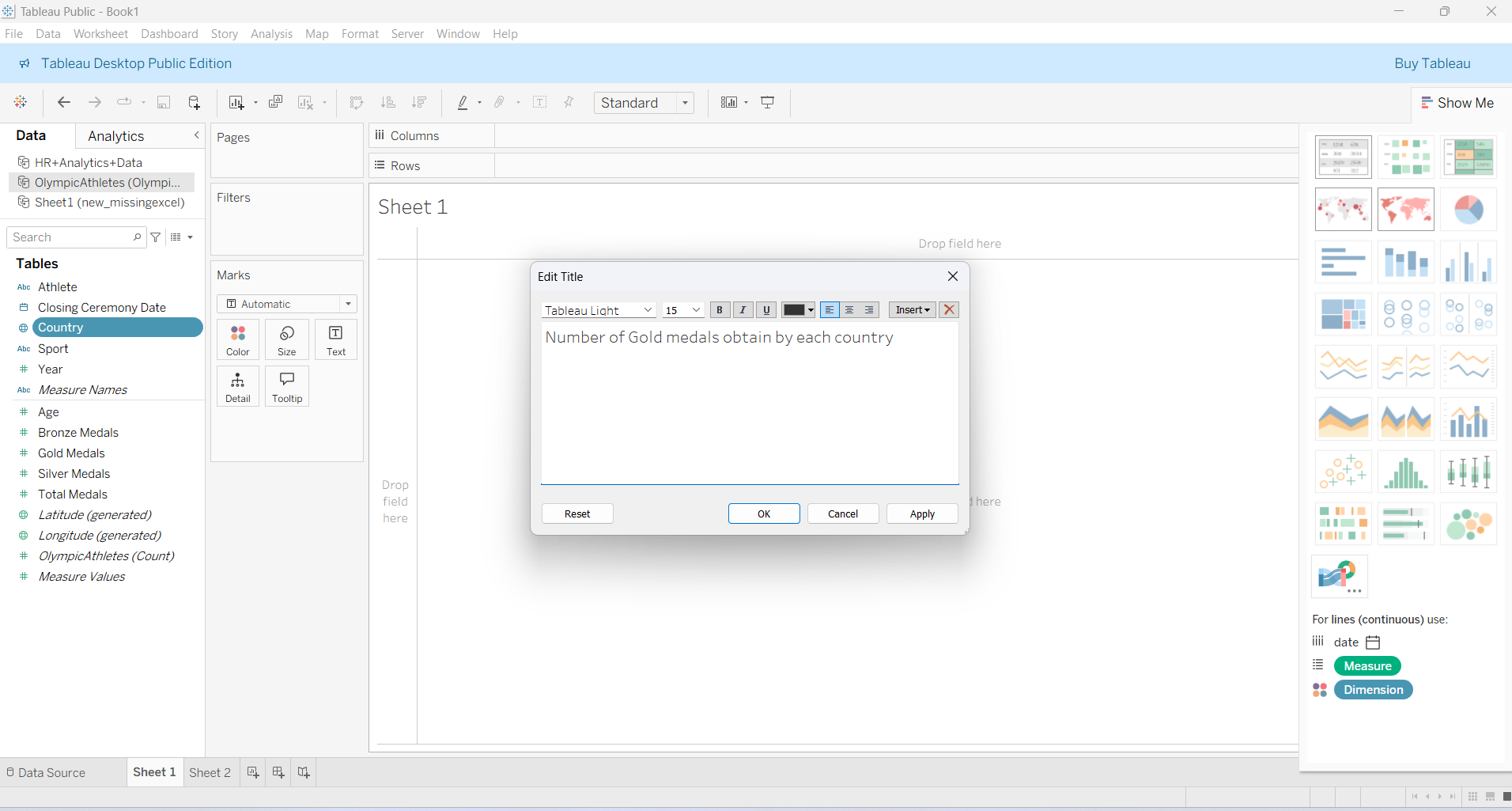
****

1. **Automatic generated fields –** When we load a excel file tableau has a feature to create new columns from it, in below dataset we have location so, longitude, latitude will be generated from it automatically.

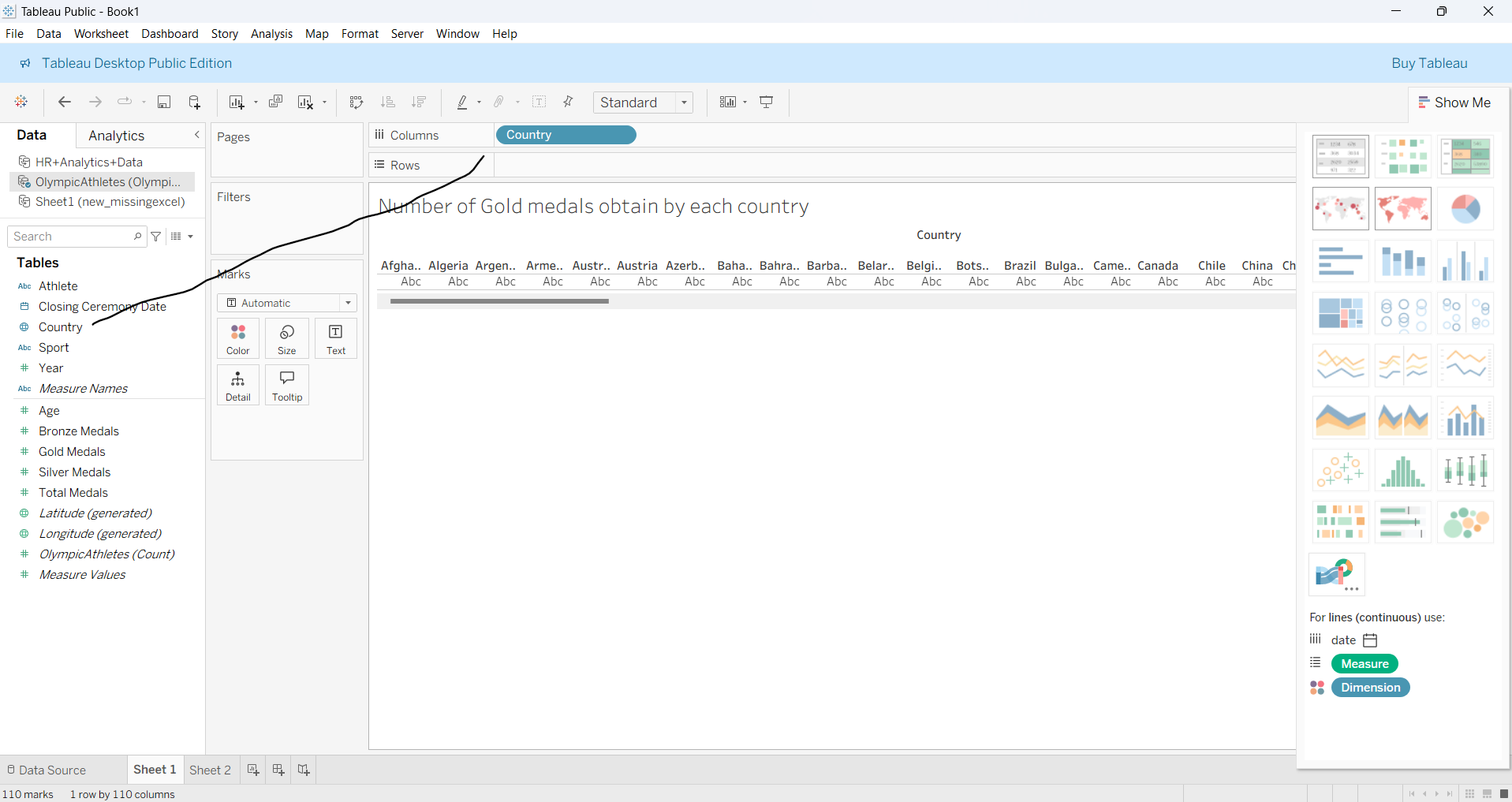
****

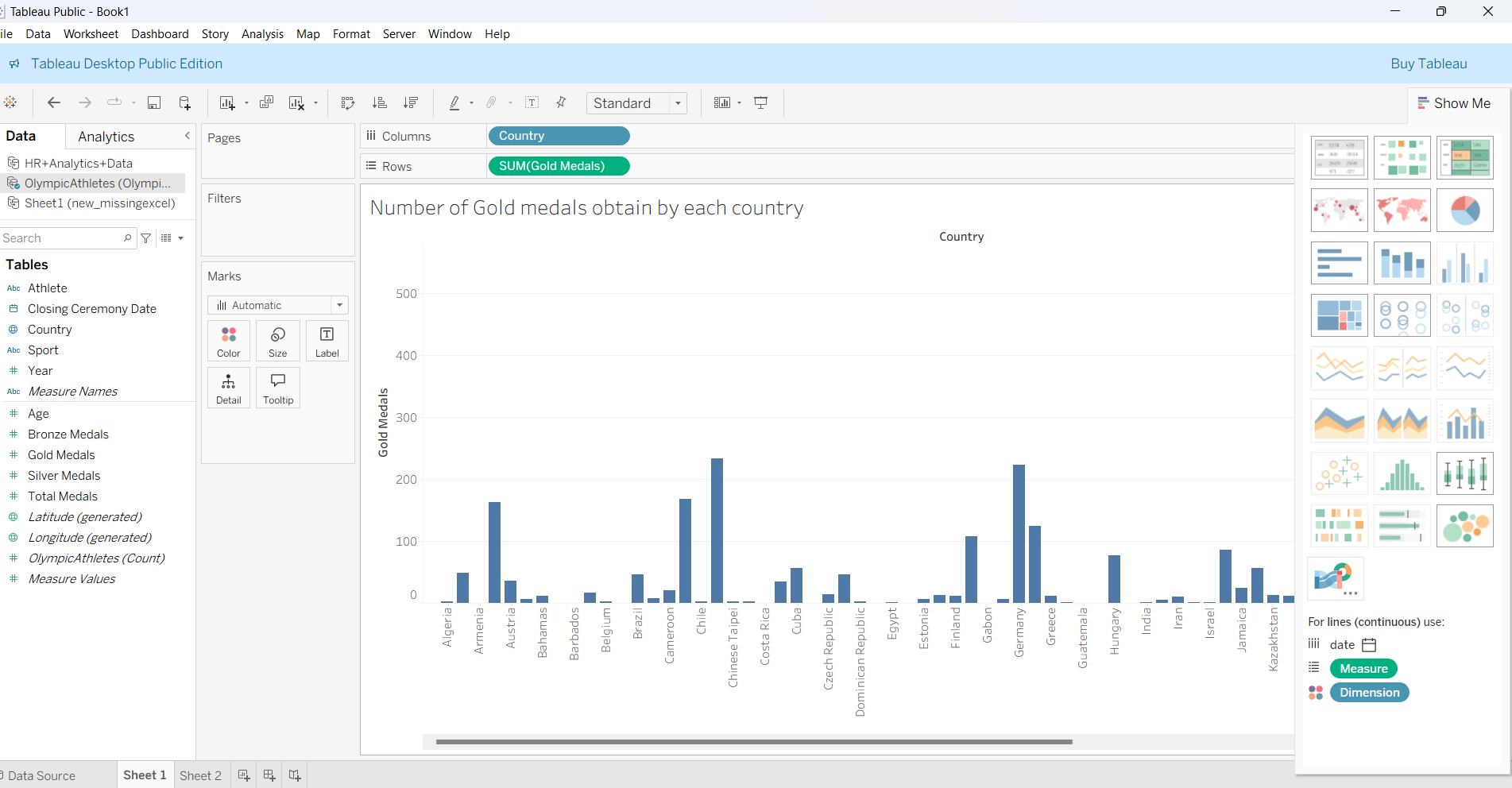
**CREATE SAMPLE DASHBOARD**

1. Load the excel sheet
2. Move to sheet option
3. Double on sheet to give title like below a pop will open. Give title click ok or apply

****

1. Drag and drop the needed columns and rows from left side to center columns like below image.

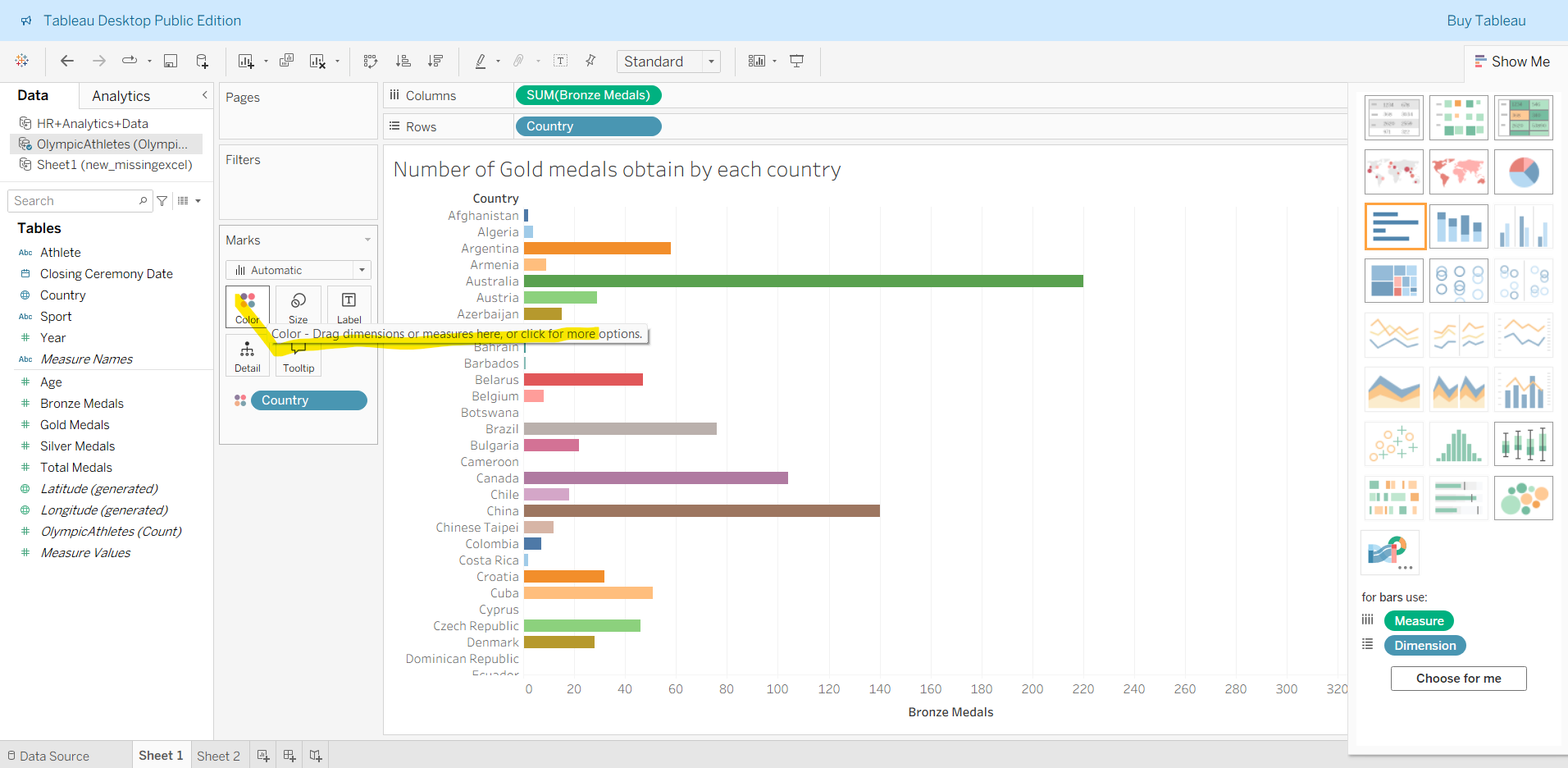
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We can change any type of charts from the right corner charts

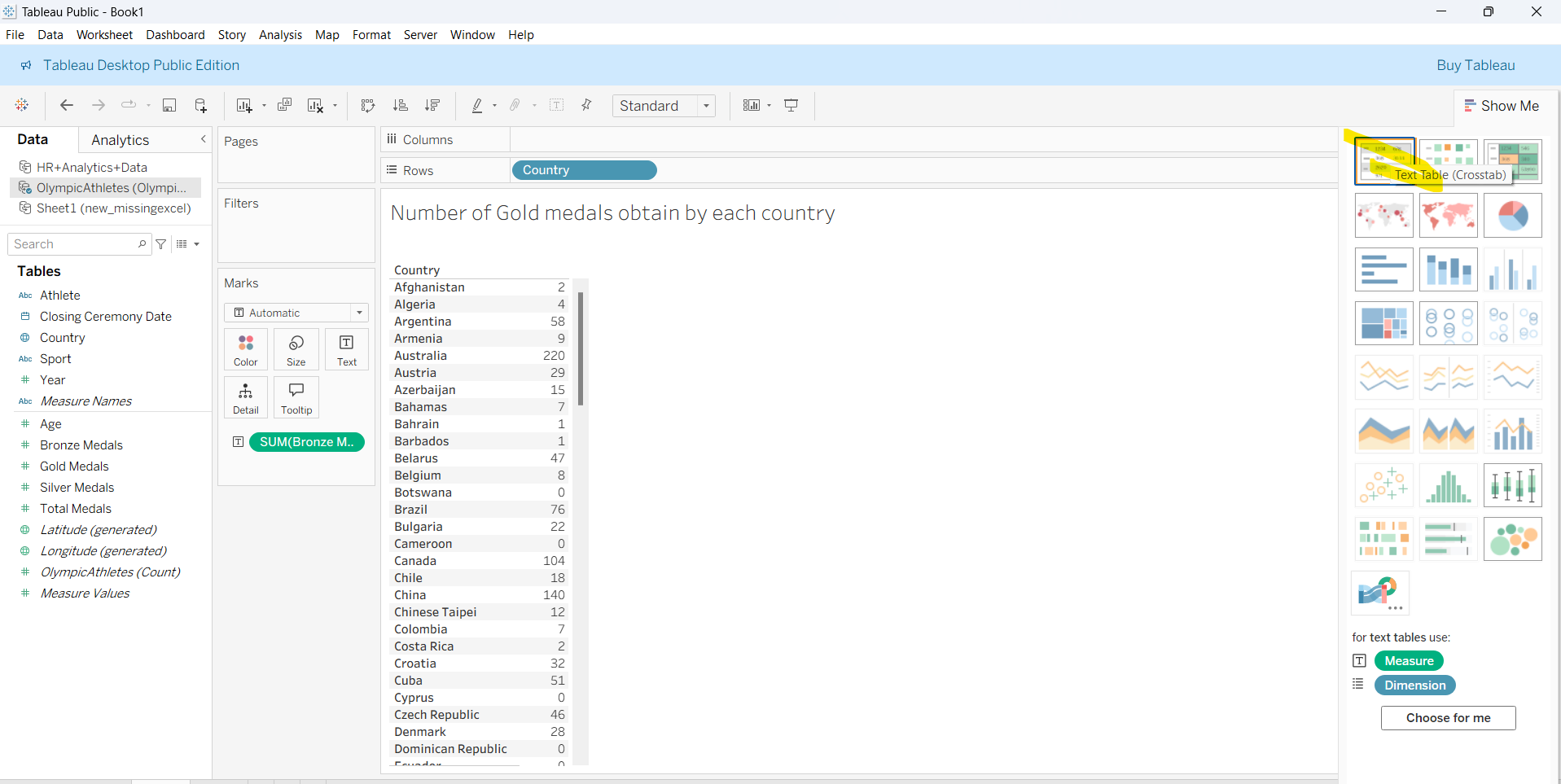
**ADDING DIFFERENT COLORS TO EACH BAR**

If we drag and drop the column we want into color then each bar will take different color like below.



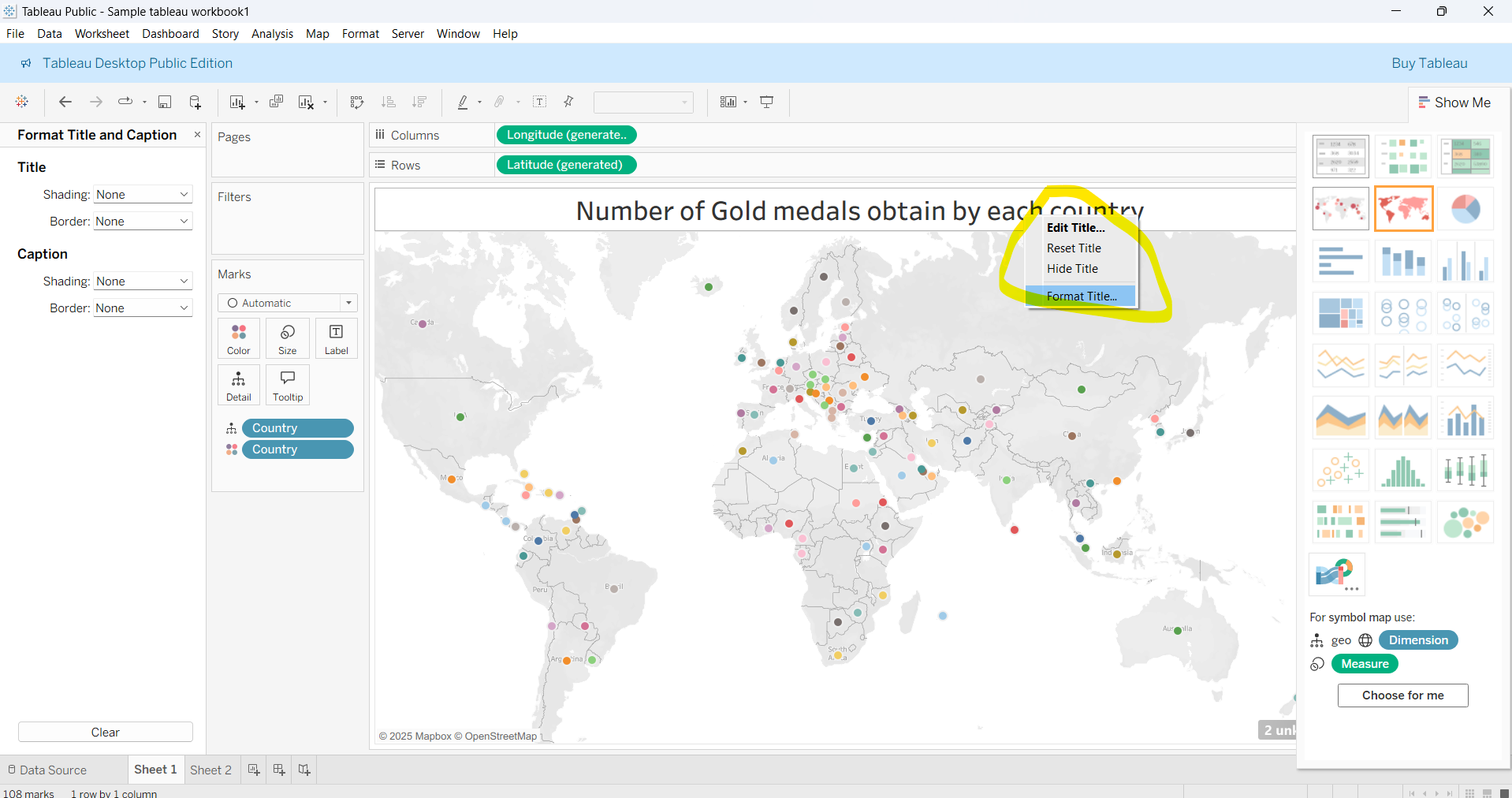
**TAKE TABLE INSTEAD OF GRAPH**

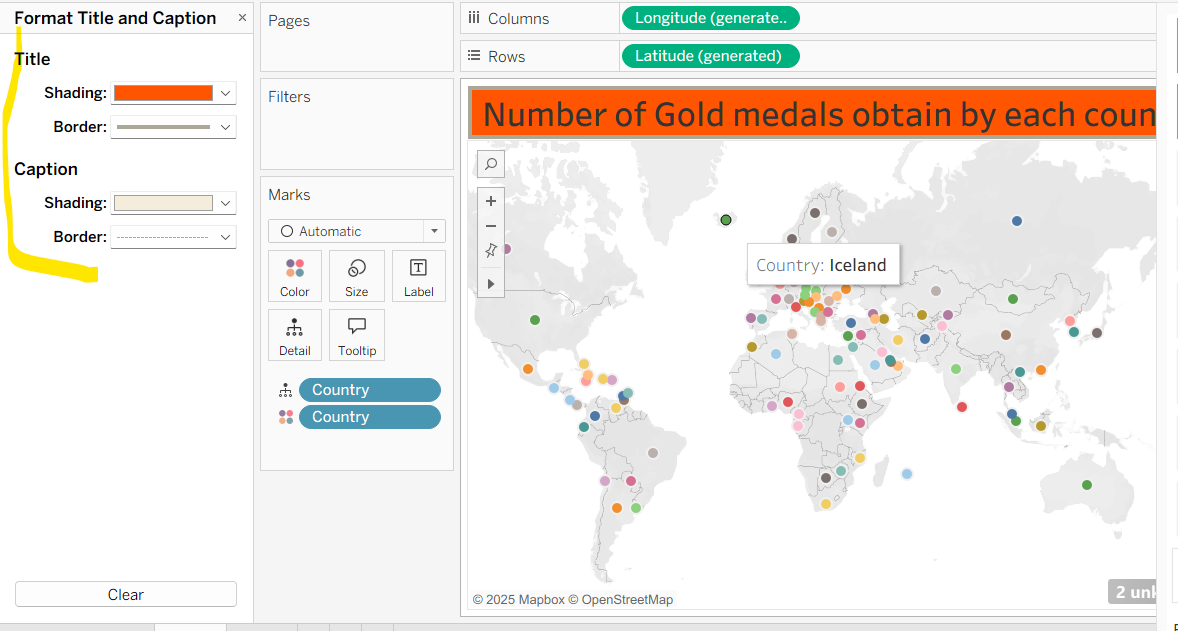
From the table option in right side we can convert our graph into table like below



**FORMATING HEADING**

Like adding bg color to heading can be done by the below options

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