Program 1:Visualize the States and Capitals by using web data.

AIM:Start Creating Reports: Create a Map/ Tree Map:

Description

- To create a tree map, drag a hierarchical categorical field (e.g., Country > State > City) to the "Group" section and a numeric field (e.g., Sales) to the "Values" section.
- Power BI will generate a tree map visualization displaying nested rectangles representing data hierarchy.
- Once Power BI Desktop is open, you can start creating reports and visualizations by connecting to your data sources, modeling your data, and designing your reports.

Procedure:

- Open Power BI Desktop, you can start creating reports and visualizations by connecting to your data sources, modeling your data, and designing your reports.
- Click on the "Get Data" dropdown menu and choose the data source that matches your file format. Common options include:
    - **Excel**: If your data is in an Excel file.
    - **Text/CSV**: If your data is in a CSV file.
    - **Folder**: If you have multiple files in a folder.

Import Data:

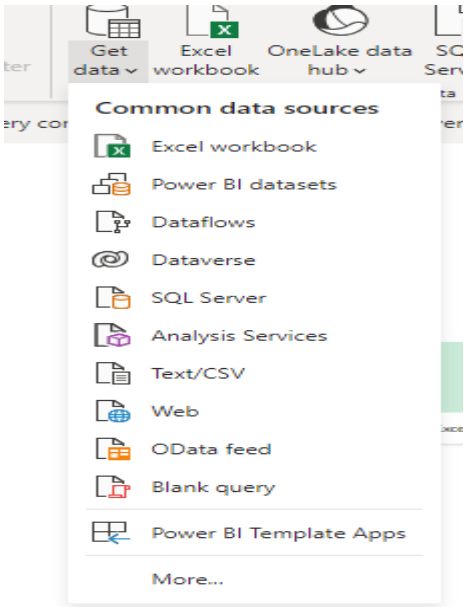
1: Open web browser and search the states and capitals.

2: Copy the Url

https://www.mapsofindia.com/maps/schoolchildrens/states-and-capitals.htm

https://www.worldometers.info/world-population/population-by-country/

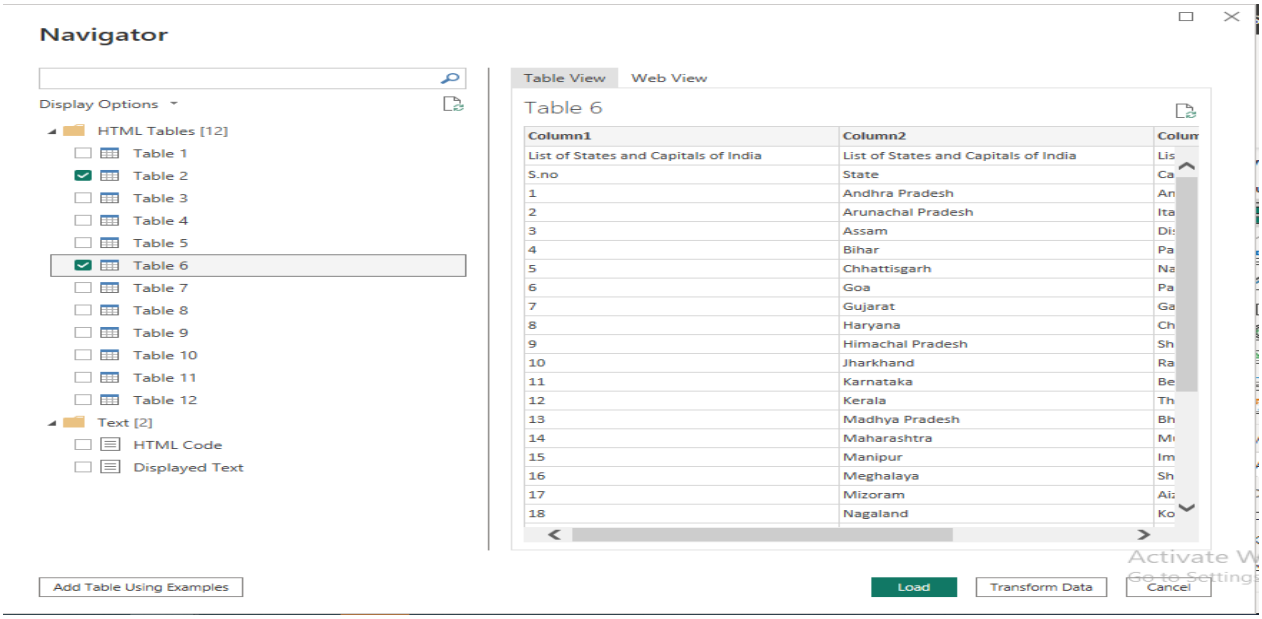
3: Open Power-Bi Desktop click on get data.



4.Click on Web

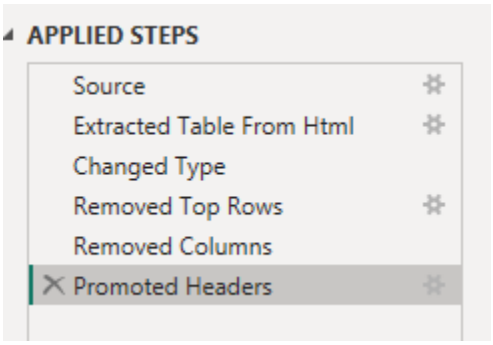
Paste the url https://www.mapsofindia.com/maps/schoolchildrens/states-and-capitals.htm

Then Click Ok

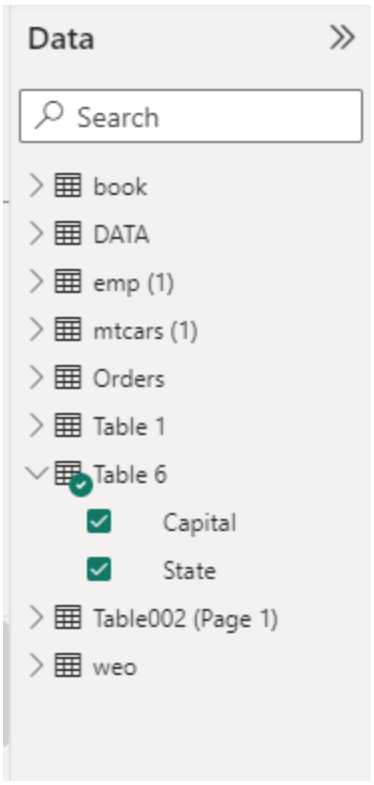


5) Then click transform the data

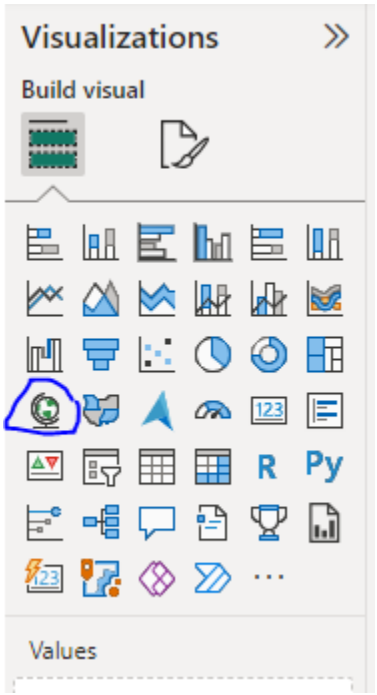
Then perform following operations



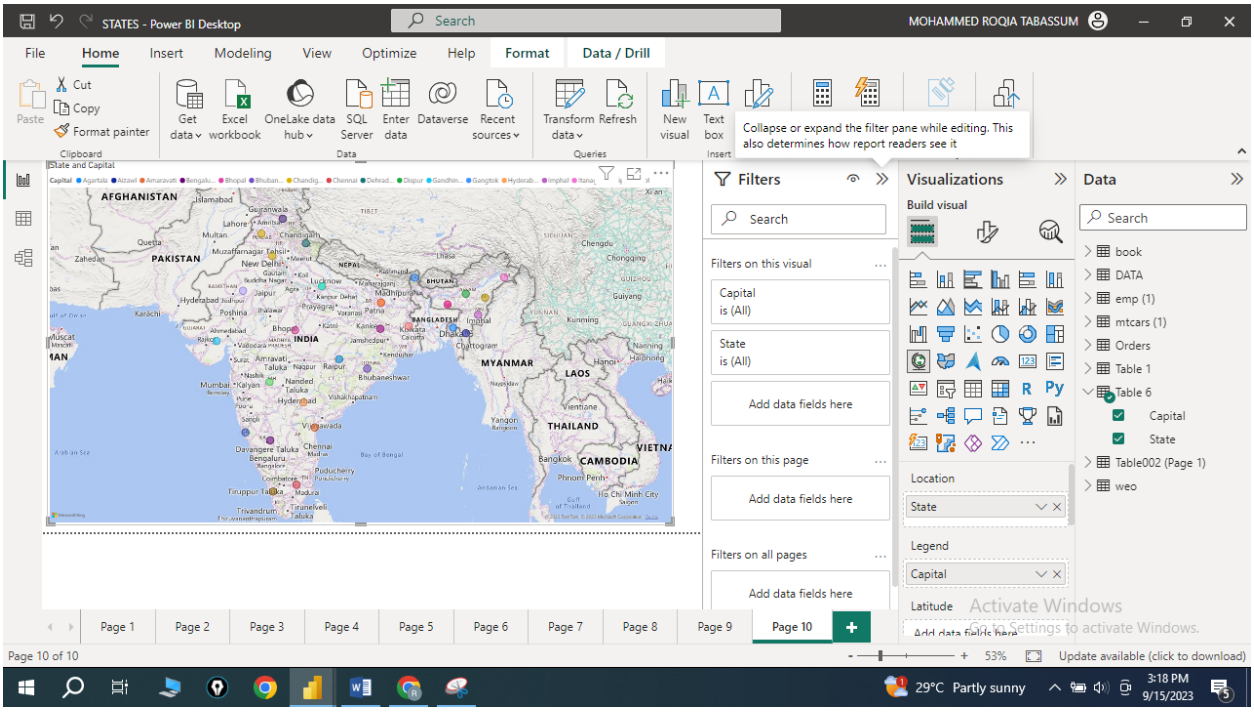
Then close and apply.



6) Then select Map on Visualizations.



7)OUTPUT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Program 2:Visualize the Countries and population by using web data.

AIM:Start Creating Reports: Create a Map/ Tree Map:

Description

A tree map is a type of data visualization that is used to display hierarchical data in a nested, rectangular layout. It is often used to represent data in a way that shows both the overall composition of a dataset and the hierarchical structure of the data. Tree maps are particularly useful for visualizing the breakdown of a whole into its constituent parts.

PROCEDURE:

- Open Power BI Desktop, you can start creating reports and visualizations by connecting to your data sources, modeling your data, and designing your reports.
- Click on the "Get Data" dropdown menu and choose the data source that matches your file format. Common options include:
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Import Data:

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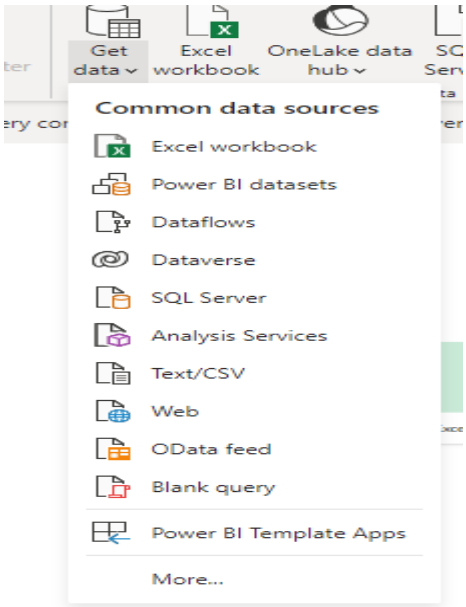
2: Copy the Url

https://www.worldometers.info/world-population/population-by-country/

3: Open Power-Bi Desktop click on get data



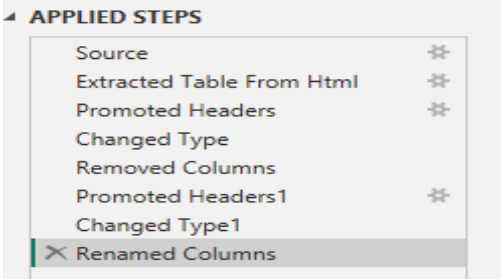
4.Click on Web

Paste the url https://www.worldometers.info/world-population/population-by-country/

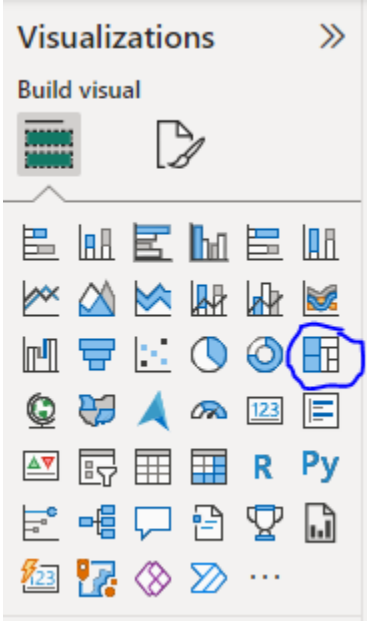
Then Click Ok.

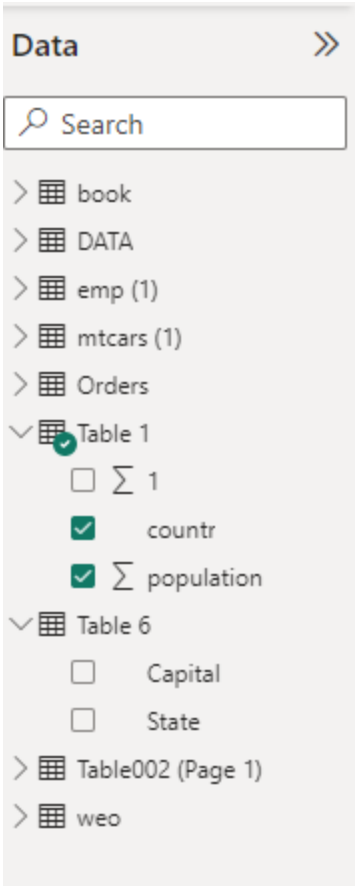
5) Then click transform the data

Then perform following operations



6) Then select Tree Map/pie chart on Visualizations.

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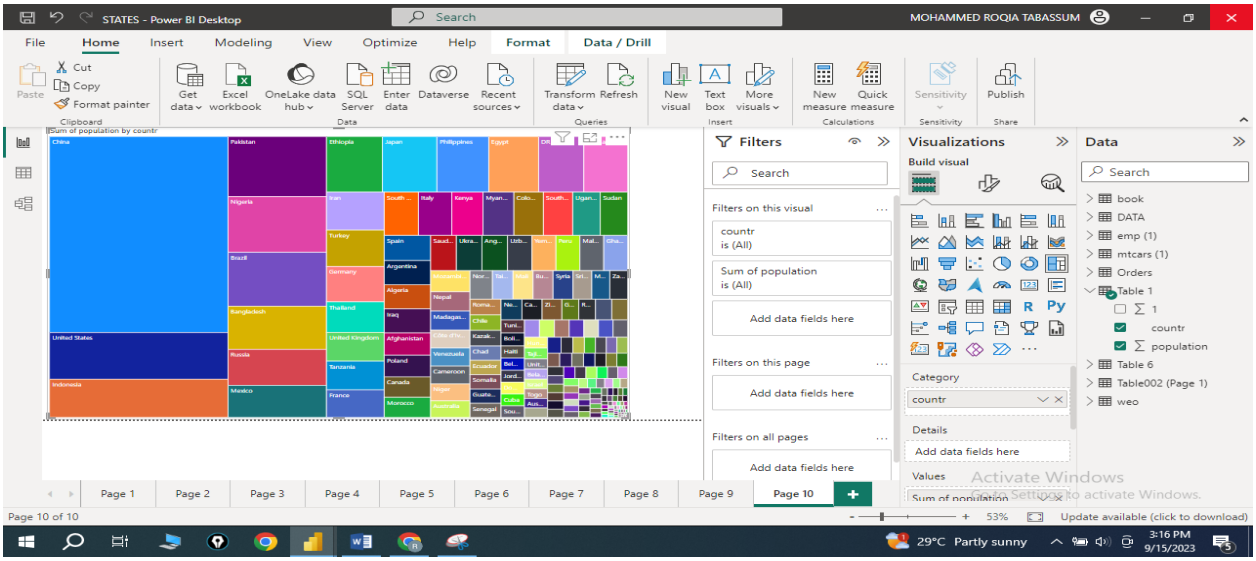
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