

# Project No 1- Comparative Study of Countries

## By Pavan Lande

Tableau Public Worksheet Link:-

[https://public.tableau.com/app/profile/pavan.lande/viz/Project-1ComparativeStudyofCountries\\_16745689267130/Dashboard1-ComparativeStudyofCountries](https://public.tableau.com/app/profile/pavan.lande/viz/Project-1ComparativeStudyofCountries_16745689267130/Dashboard1-ComparativeStudyofCountries)

### Objective:

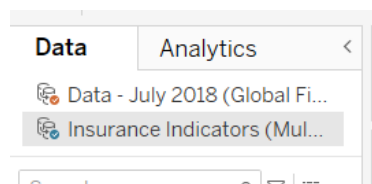
Create a dashboard to compare all the parameters mentioned above for different countries, to strategize market penetration and to target new customers.

### Datasets:

Primary Dataset – Insurance Sample Dataset

Secondary Dataset – Global Financial Development Database

**Note:** Use Data Blending with Relationships between Country Code, Country, and Year

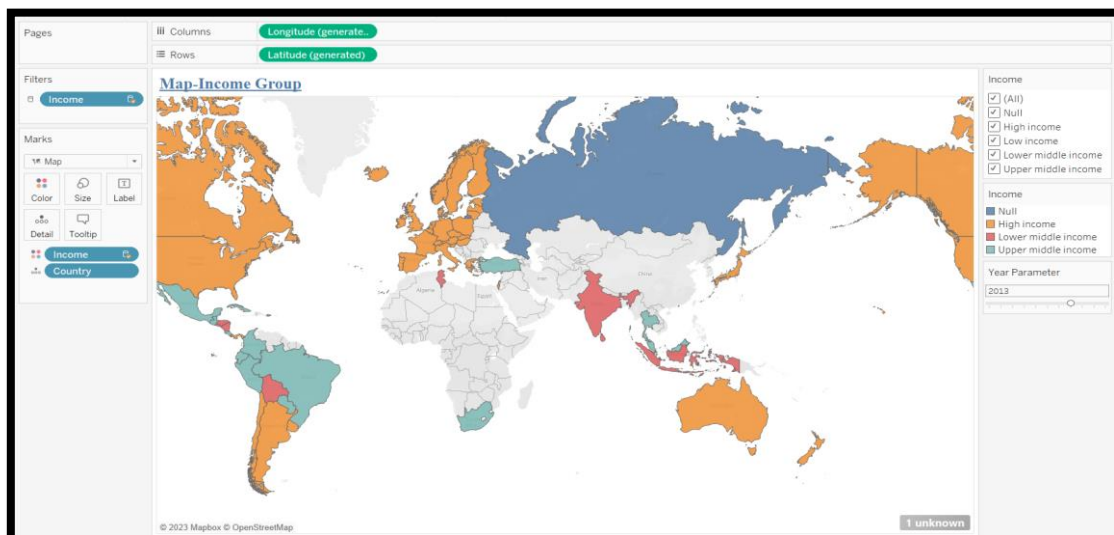


### Steps to Perform:

1. Create a geographic map showing the countries' fields. Colour the map based on the income column from the secondary dataset.

1. Include income group filter in the dashboard.

A) To Create a MAP, drag Country from Insurance Sample Dataset and put on Detail Mark card and then go to automatic and click map. Then drag Income from Global Financial Development Database to filter and select all and click on show filter. Drag Income to Colour Mark Card and Country Code to text Mark card.



2. Include a webpage to show data from the world bank webpage driven by an URL action from a geography graph.
  1. The country names in the map will act as the trigger.
  - A) For this go to Dashboard in that action and this page will pop-up
  - B) Click on add action.
  - C) Fill the info as shown.
  - D) Do these steps lastly after preparing Dashboard and add empty URL to show the result in dashboard.

Actions

Actions let you create interactive relationships between data, dashboard objects, other worksheets, and the web.

Show actions for

☒ This workbook ☐ This sheet

Name	Run On	Source	Fields
Country Wiki Page	Select	Dashboard 1 :- Comp...	Country
Filter 1 (generated)	Select	Dashboard 1 :- Comp...	All

Add Action ▼ Edit Remove

Cancel OK

Edit URL Action

Name

Country Wiki Page Insert ▼

Source Sheets

Dashboard 1 :- Comparative Study of ... Run action on

☐ DATA Table ☒ Hover

☐ KPI Chart ☒ Select

☒ Map-Income group ☐ Menu

☐ Trend

URL Target

☒ New Tab if No Web Page Object Exists

☐ New Browser Tab

☐ Web Page Object

en.wikipedia.org ▼

URL

https://en.wikipedia.org/wiki/<Country> Insert ▼

<https://en.wikipedia.org/wiki/Argentina>

> Data Values

Cancel OK

3. Create a KPI Table to show the comparison between the selected period and the period prior to the selected one
1. Create two parameters for Year Selection and Category Selection
  2. Category parameter includes life insurance share, market share, penetration, ratio of reinsurance accepted, and retention ratio

Edit Parameter [Metric Selector]

Name  
Metric Selector

Properties  
Data type: String  
Display format: retention ratio

Current value: retention ratio  
Value when workbook opens: Current value

Allowable values  
☐ All ☒ List ☐ Range

Value	Display As
life insurance share	life insurance share
market share	market share
penetration	penetration
ratio of reinsurance ac...	ratio of reinsurance ac...
retention ratio	retention ratio

Click to add

☒ Fixed  
☐ When workbook opens

Add values from ▼

Remove Selected

Cancel OK

Edit Parameter [Year Parameter]

Name  
Year Parameter

Properties  
Data type: Integer  
Display format: 2013

Current value: 2,013  
Value when workbook opens: Current value

Allowable values  
☐ All ☐ List ☒ Range

Range of values  
☒ Minimum: 2,006  
☒ Maximum: 2,016  
☐ Step size: 1

☒ Fixed  
☐ When workbook opens

Add values from ▼

Cancel OK

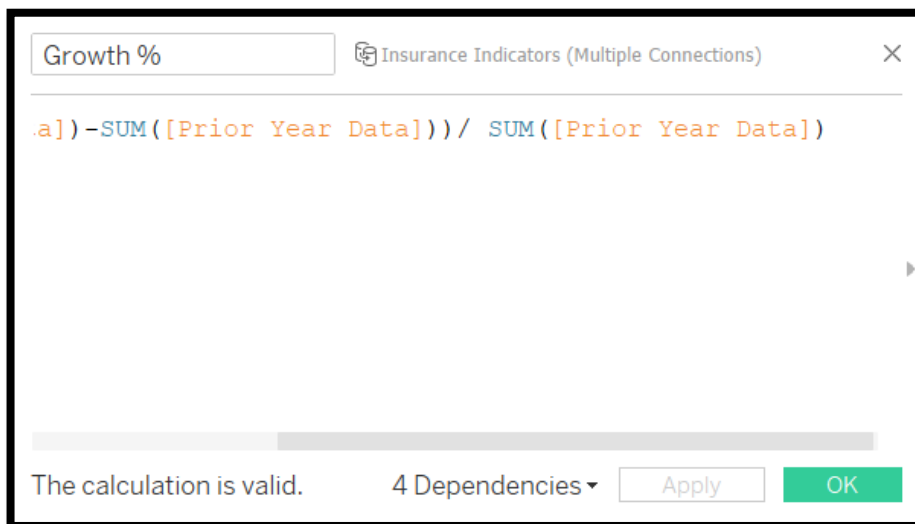
Data For Selected Metric Insurance Indicators (Multiple Connections)

```
CASE [Metric Selector]
  WHEN "life insurance share" THEN [Life insurance share]
  WHEN "market share" THEN [Market share > Total]
  WHEN "penetration" THEN [Penetration > Total]
  WHEN "ratio of reinsurance accepted" THEN [Ratio of reinsurance accepted > Total]
  WHEN "retention ratio" THEN [Retention ratio > Total]
END
```

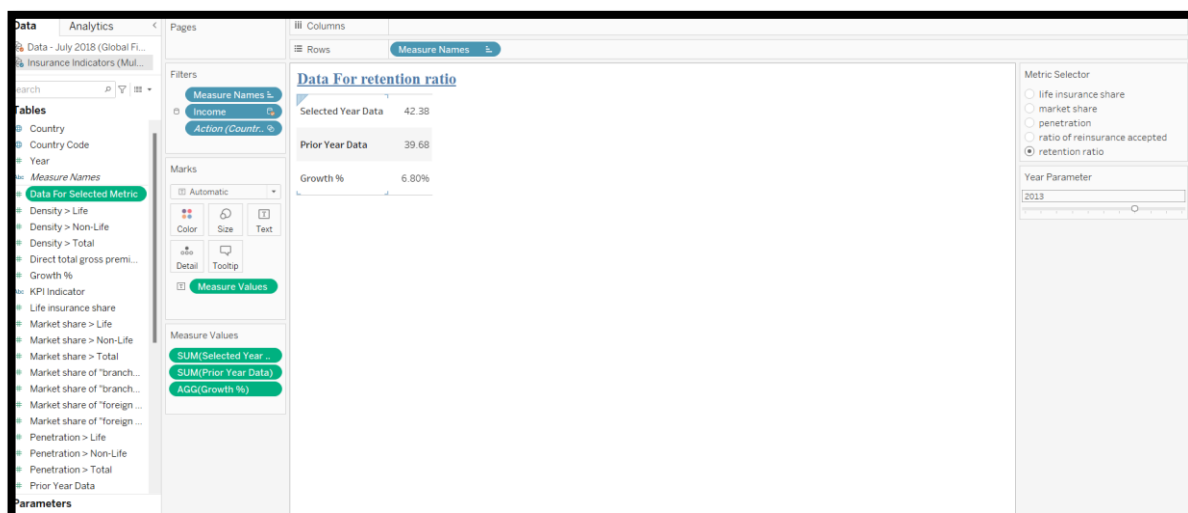
The calculation is valid.

8 Dependencies ▼ Apply OK

3. Create a calculated field to calculate the Growth %

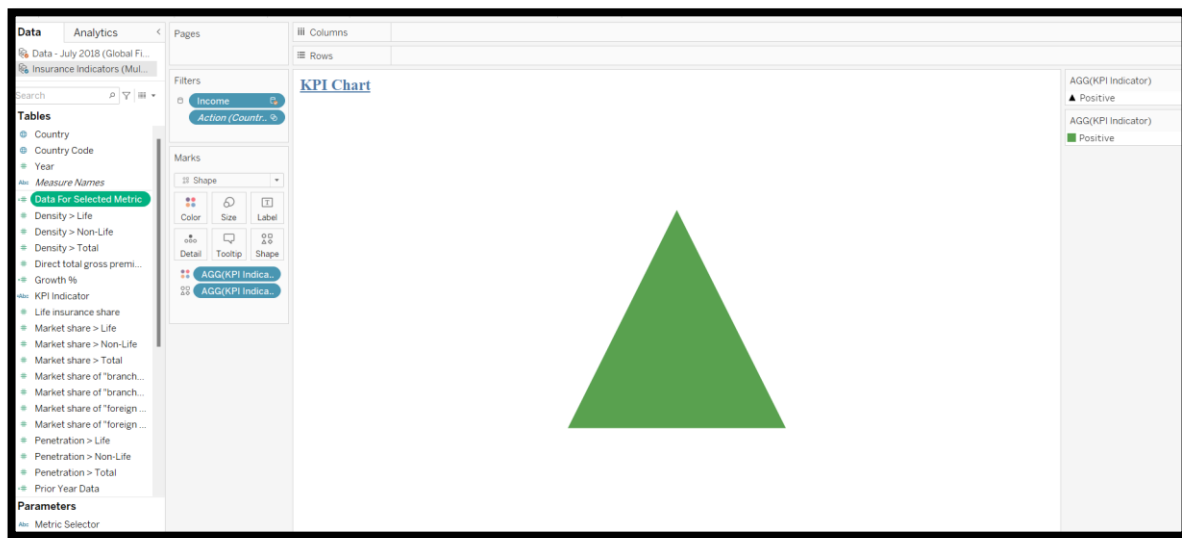


4. Create a table to show these values
5. Title should be updated based on the category selection



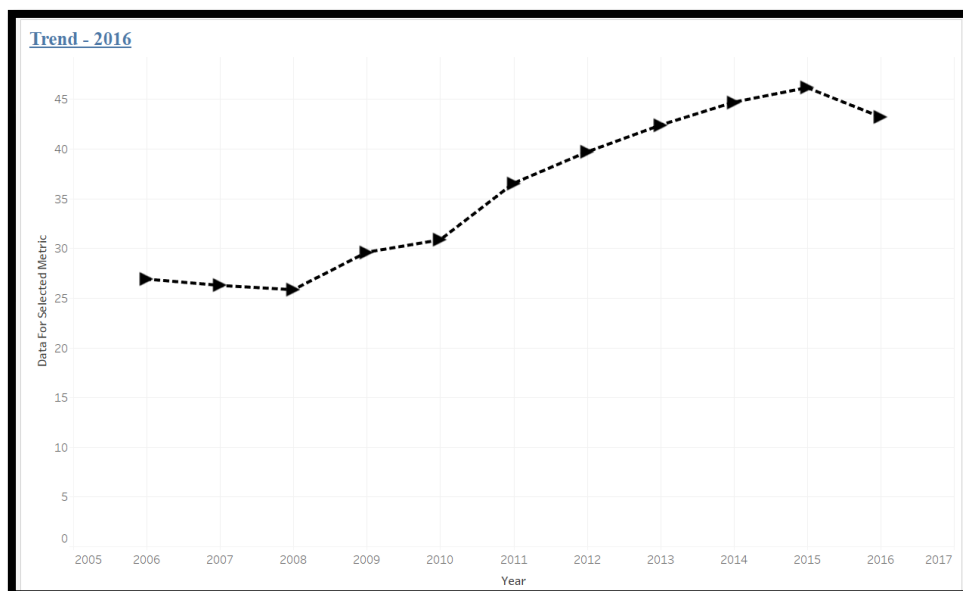
4. Create Growth Indicator Shapes based on the Growth %

1. Growth indicator displays Negative, No Change, and Positive as values and corresponding shapes against it



5. Create a trend line to show the selected category values

1. The line shows an arrow or triangle at the last mark



6. Create a dashboard filter for income group to be applied for all charts with the filter action enabled in the map as well.
7. Formatting should be done appropriately.

