

Step1: Performed a full outer join between the two dataset and also additionally performed datablending by creating link between Country - Country1, Countrycode - ISO3, Year - Year1. Linking for the field for datablend was performed in each worksheet.

Step2: Sheet1: Created a Geographic map using country field into details and text shelf ;income from 2nd dataset into color and filter shelf. Additionally added year selector parameter also into maps along with year calculations into filter.

Added wiki web page in dashboard and then created action in dashboard on Map>URLlink>with insert field of country in end of URL.

Income filter is applied to all worksheets.

Added dynamic title with color formatting

Step3: Sheet2: Created Parameter and Calculated fields as below

Parameter1: Category Selector using String

Edit Parameter [Category Selector] ×

Name

Category Selector

Properties

Data type

String

▼

Display format

LIS

▼

Current value

Life Insurance Share

▼

Value when workbook opens

Current value

▼

Allowable values

☐ All

☒ List

☐ Range

Value	Display As
LIS	Life Insurance Share
MS	Market Share
P	Penetration
RRA	Ratio of Reinsurance A...
RR	Retention Ratio
Click to add	

☒ Fixed

☐ When workbook opens

Add values from ▼

Remove Selected

Cancel

OK

Parameter2: Data Selector using range.

Edit Parameter [Year Selector] ×

Name

Year Selector

Properties

Data type

Date

▼

Display format

2014

▼

Current value

17-12-2014

Value when workbook opens

Current value

▼

Allowable values

☐ All

☐ List

☒ Range

Range of values

☒ Minimum

01-01-2000

☒ Maximum

30-12-2017

☐ Step size

1

▲▼

Days

▼

☒ Fixed

☐ When workbook opens

Add values from

▼

Cancel

OK

Selected Category

Insurance Indicators_Outer Joint

×

```
CASE [Category Selector ]
WHEN "LIS" THEN [Life insurance share]
WHEN "MS" THEN [Market share > Total]
WHEN "P" THEN [Penetration > Total]
WHEN "RRA" THEN [Ratio of reinsurance accepted > Total]
WHEN "RR" THEN [Retention ratio > Total]
END
```

Calculation 1:

Selected Year Insurance Indicators_Outer Joint

```
IF INT([Year]) = YEAR([Year Selector]) THEN [Selected Category] END
```

Calculation 2:

Previous Year Insurance Indicators_Outer Joint

Calculation 3:

```
IF INT([Year]) = YEAR([Year Selector])-1 THEN [Selected Category] END
```

Growth % Insurance Indicators_Outer Joint

```
AVG([Selected Year]) - AVG([Previous Year])
```

Calculation 4:

Plotted the KPI table using calculated fields 2,3,4 in rows and the applied parameters. Additional formatting performed on Title, made dynamic using category selector. Applied color to Measure values, created table outlines etc.

Step4: Calculated fields created for Growth Indicator for displays Negative, No Change, and Positive with custom shapes and color.

Growth indicator Insurance Indicators_Outer Joint

```
IF [Growth %] > 0 THEN "POSITIVE"  
ELSEIF [Growth %] < 0 THEN "NEGATIVE"  
ELSEIF [Growth %] = 0 THEN "NO CHANGE"  
END
```

Calculated 5:

Calculated field applied to shelves Color and Shapes, then applied the Parameter 1 and 2. Made dynamic title and performed formatting

Step5: Created trend line chart putting Calc 1 field and year field in rows and columns, then year in page shelf. Enabled all values and Tails to create a moving trend chart with history with arrow triangle as mark 1. Title enabled with dynamic field inserted. Parameters enabled.

Step6:

Added all sheets to the dashboard, and customized and formatted as needed.

