Summary of project

Datasets:

1. Primary dataset - Insurance Sample Dataset
2. Secondary dataset - Global Financial Development Database

Tasks:

1. Create a geographic map showing the countries' fields.
2. Create a webpage to show data from the world bank webpage.
3. Create a KPI Table.
4. Create Growth Indicator Shapes based on the Growth %.
5. Create a trend line to show the selected category values.
6. Create a dashboard filter for income group.

Steps involved:

1. The two datasets were imported in Tableau and inner join on "Insurance Indicators" sheet from "Insurance Sample Dataset.xlsx" workbook and "Data - July 2018" sheet from "Global Financial Development Database - Jul2018.xlsx" workbook was done based on Country column.

2. Task 1 – Map was created plotting longitude and latitude with Income as color and country code as label.

3. Task 2 – A dashboard was created with web page object and linking the URL with country selected in Map sheet. (https://en.wikipedia.org/wiki/<Country>)

4. Task 3 – Parameters for current year and categories ("Life_insurance_share", "Market_share", "Penetration", "Ratio_of_reinsurance_accepted" and "Retention_ratio) were created. Four calculated variables were created – select_category, category_cy(current year value), category_py(previous year value) and growth(current-previous). Then the sheet was prepared with the above parameters and calculated variables.

5. Task 4 – A growth_indicator calculated variable was created using the below formula:
   ```
   IF [growth] >0 THEN "HIGH"
   ELSEIF [growth]=0 THEN "NEUTRAL"
   ELSEIF [growth]<0 THEN "LOW"
   ELSEIF [growth]=NULL THEN "None"
   END
   ```

Here growth refers to earlier created calculated variable. Later shape were plotted with the growth_indicator variable.

6. Task 5 – Trendline was created with calculated variable select_category and Year variable. Later an arrow was put in the last point using Year as pages.

7. Task 6 – Dashboard was created with income filter.