Analysis of GDP dataset:

i) Visualize the countries data given in the dataset with respect to latitude and longitude along with country name using symbol maps.

ii) Create a bar graph to compare GDP of Belgium between 2006 – 2026.

iii) Using pie chart, visualize the GDP of India, Nepal, Romania, South Asia, Singapore by the year 2010.

iv) Visualize the countries Bhutan & Costa Rica competing in terms of GDP.

v) Create a scatter plot or circle views of GDP of Mexico, Algeria, Fiji, Estonia from 2004 to 2006.

vi) Build an interactive dashboard.

GDP - Gross domestic product (GDP) is a measure of the total value of goods and services produced in a country over a specific period of time. It's a key indicator of a country's economic health, and is often used in newspapers, on TV, and in reports by governments, central banks, and businesses.

Link to Data Set
https://www.imf.org/external/datamapper/export/excel.php?indicator=NGDPDPC

Link To Data Set Which we have Used- https://forms.gle/WpHx7pdpeWq2rfwB7

https://www.youtube.com/watch?v=SSq5NwsUNGI&list=PLEiEAq2VkUUJEvrsey26P-Bj4Vk6BLBVC – Simpli Learn - With Many Videoes

Visualize the countries' data given in the dataset concerning latitude, longitude, and country names using symbol maps.

o Load the Data
o Click on Visuals and select the Map
o Select Country
o If maps are not activated, click on to transform data and change the data type of country to the geographical role, click on to close and apply.

Create a bar graph to compare GDP of Belgium between 2006 – 2015

o Click on Stacked Bar Graph from Visuals
o Keep Year on the X axis, If Year is not in the Date Data Type, click on Transform Data, Change the Year-to-Date Data Type then click on close, and apply.
o Place Year on the X-axis.
o Use Filters and select only the Years 2006 to 2015
o Also Place Country on the X axis
o Also use Filters and select only Belgium.
o On the Y axis, place the Sum GDP growth
o Add the year to the Filters and select only the Years from 2006 to 2015.
o Do the formatting as usual.

Using a pie chart, visualize the GDP of India, Nepal, Romania, South Asia, and Singapore by 2010.

- o Click on the Pie Chart from Visuals
- o On Legend Add Country
- o Use filters and select only India, Nepal, Romania, South Asia, Singapore
- o Add the Year to the Filters and select only the year 2010.
- o Add GDP per capita on Values
- o Do the formatting

Visualize the countries Bhutan & Costa Rica are competing in terms of GDP.

- o Click on the Bar Graph
- o On the X axis add Country
- o Use filers and select only Bhutan & Costa Rica
- o On Y Axis place GDP growth

Create a scatter plot or circle view of the GDP of Mexico, Algeria, Fiji, and Estonia from 2004 to 2006.

- o Select a Scatter plot from the visuals
- o Add year on the X-Axis
- o Also add the year in the filters and select 2004, 2005, and 2006.
- o Add GDP Growth to the Y-axis
- o Also add Country to the legend
- o Use the filter and select only the countries and select Mexico, Algeria, Fiji, Estonia
- o Add GDP Growth to the size
- o Do the formatting

Giving the Title to the Dashboard

- o Adjust the spacing of all the charts and make the space available to place the title.
- o Click on Insert from the toolbar, click on the text box, Give the title, and do the formatting as usual