

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 with respect to latitude and longitude along with country name using symbol maps.

- Double click on Country, Place country to the label Marks card
- Place country to the label Marks card
- Change from Automatic to Maps in the Marks Card
- Click on Maps from the toolbar on the top, click on Background Maps, and change the background to Streets.

Create a bar graph to compare GDP of Belgium between 2006 – 2017.

- In the Data Source Change Year to the Date Datatype.
- Place Country in the row Shelf.
- Add Year to filters, uncheck all the years, and select only the years from 2006 to 2017.
- Also place Country name to filters, un check all and select only brazil.
- Place GDP per Capita in the column shelf.
- Click on Show ME and change it to a Bar Graph.
- Place GDP on Tool Tips, Edit axis and Uncheck the header

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

- Place country in the Row Shelf. Double click on GDP per capita.
- Place Country to Filters and Select only India, Nepal, Romania, South Asia, and Singapore. Also, place Year to Filters and select the year 2010.
- Click on to show Me and select the Pie Chart.
- Do the formatting – place GDP and Country on the tool tip

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

- Place country to the filters and check only Bhutan and Cost Rica.
- Place country in the Row Shelf
- Place GDP Growth (Annual %) to the column shelf.

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

- Place Country in the Filter Shelf.
- Select only Mexico, Algeria, Fiji, and Estonia.
- Place the Year in the Filter Shelf and select only the years from 2004, 2005, and 2006.
- Place Country Name in the Row Shelf, Doule click on GDP.
- Place Year in the Colour Marks Card,
- From Show Me select the Scatter Plot.

Common Steps to Be Followed for Formatting

- Click anywhere on the worksheet
- Click on to format
- Click on the third icon for Styling the background of the worksheet
- Select the background color as Black.
- Click on A and format the fonts for the write-ups in the worksheet.

Steps to Create the Dashboard

- From the Top Toolbar select Dashboard
- Select the size 1800 X 800, You can change it according to your system resolution
- Select it as tiled
- Double-click on the worksheets you have already prepared
- Double-click on the bottom Strip and give the title of the Dashboard as GDP Data Analysis
- Select The Dashboard from the toolbar and select Show title.

Out puts to paste in the Record Book – Please Paste only Colour Print outs





