

Assignment #3

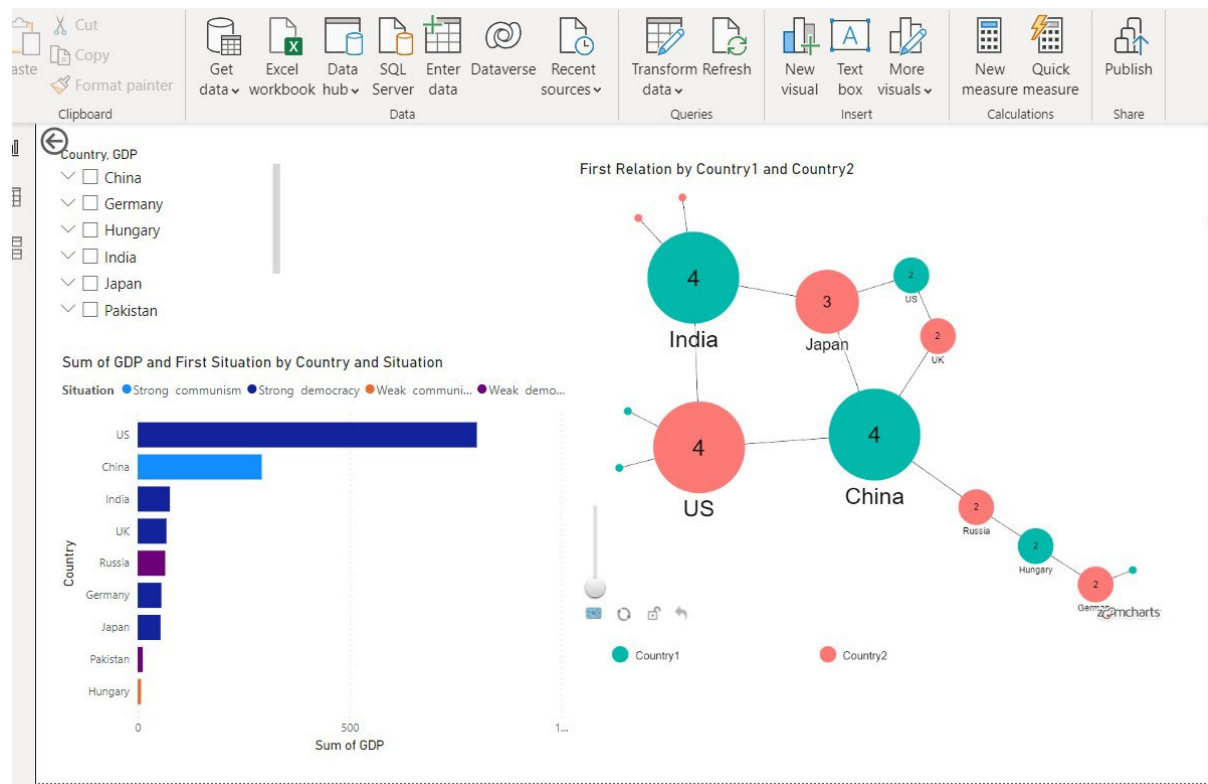
I did in **Power BI and Python**, it takes time to read text and do the changes in Power Query Editor, the steps are there. For plotting, I used link below to download the diagram that I need and also used two slicers.

The slicer and diagrams are connected to each other and can choose multiple items in slicer.

<https://app.powerbi.com/view?r=eyJrljoiMThIMzg0Y2YtYTUyYS00NjFhLTlhZDUtYWw4MGRINDVmMjhlhliwidCI6ImRINWFjMjU4LTZlOTUtNDkzNS05ODk0LTl3MDg4YjhIOTIhMSIsImMiOiN9>

<http://www.sqlservercentral.com/blogs/data-adventures/2018/02/10/power-bi-with-different-network-visualizations/>

The result was in best graph tab:



Python Code:

In the Goggle Collab, at first, 3 text files were read and put in data frame, for showing relation, we can use scatter and blob diagram (as you said in the lecture, those are suitable for plotting connections)

<https://colab.research.google.com/drive/10YqxklmmEAxXkxKHm2kKqISiIAJ5dEDb?usp=s>
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It is done by merging Annual Defence Spending of countries and Political Atmosphere within countries on **Country** column and after merging with Strategic Relations between countries on **Country 1** column for plotting. (setting different parameters)

