CMSC 636 – Data Visualization

Assignment 1 – Part 1 - Caption

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For the part 1 Assignment, I have chosen **Tableau** as tool #1

Read the Aid dataset with the help of tableau and answered the analysis question of " Which countries are the major donators and which are the major receivers? " – Vis/Task #1
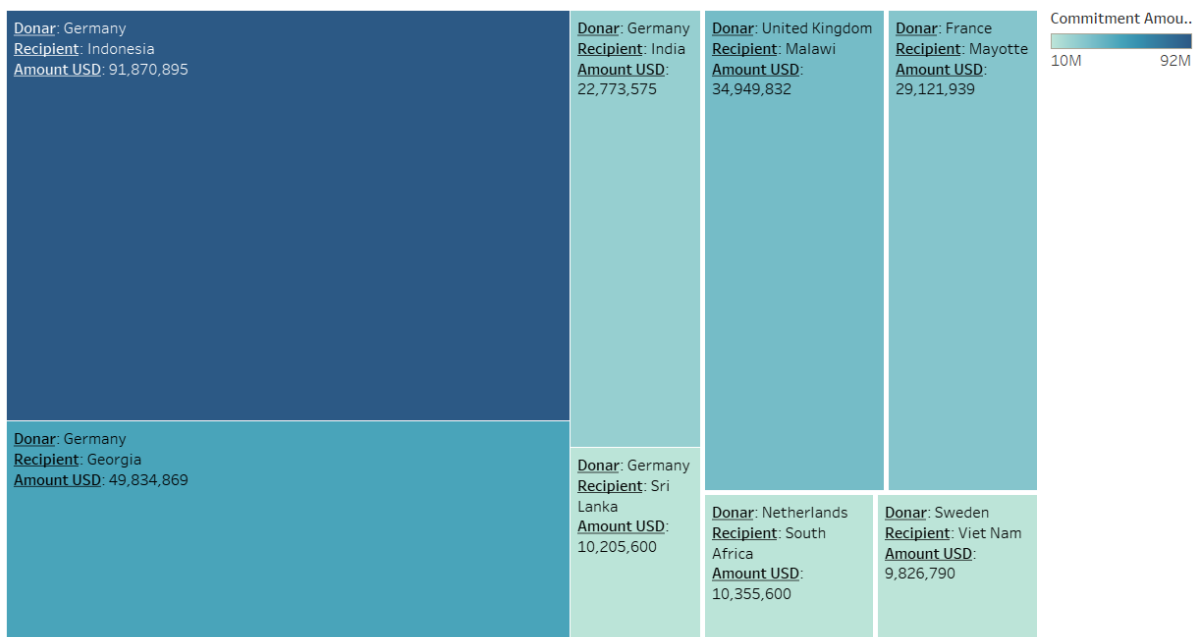
Below is the visualization of Vis/Task #1:

Fig. 1. TreeMap representation of major aid provided by Donor countries to the recipient countries for a committed amount in USD. The graph depicts the details of the top donor countries like Germany, United Kingdom, France where Germany as a significant donor with substantial contributions to top recipient countries like Indonesia, India, Georgia, and Sri Lanka. The legend corresponds to the commitment amount, showcasing the scale of these donations where dark color represents major donations compared to the light color.

Again, with the help of tableau, answered the analysis question of " What is the geospatial distribution of the top donators and receivers? " – Vis/Task #2
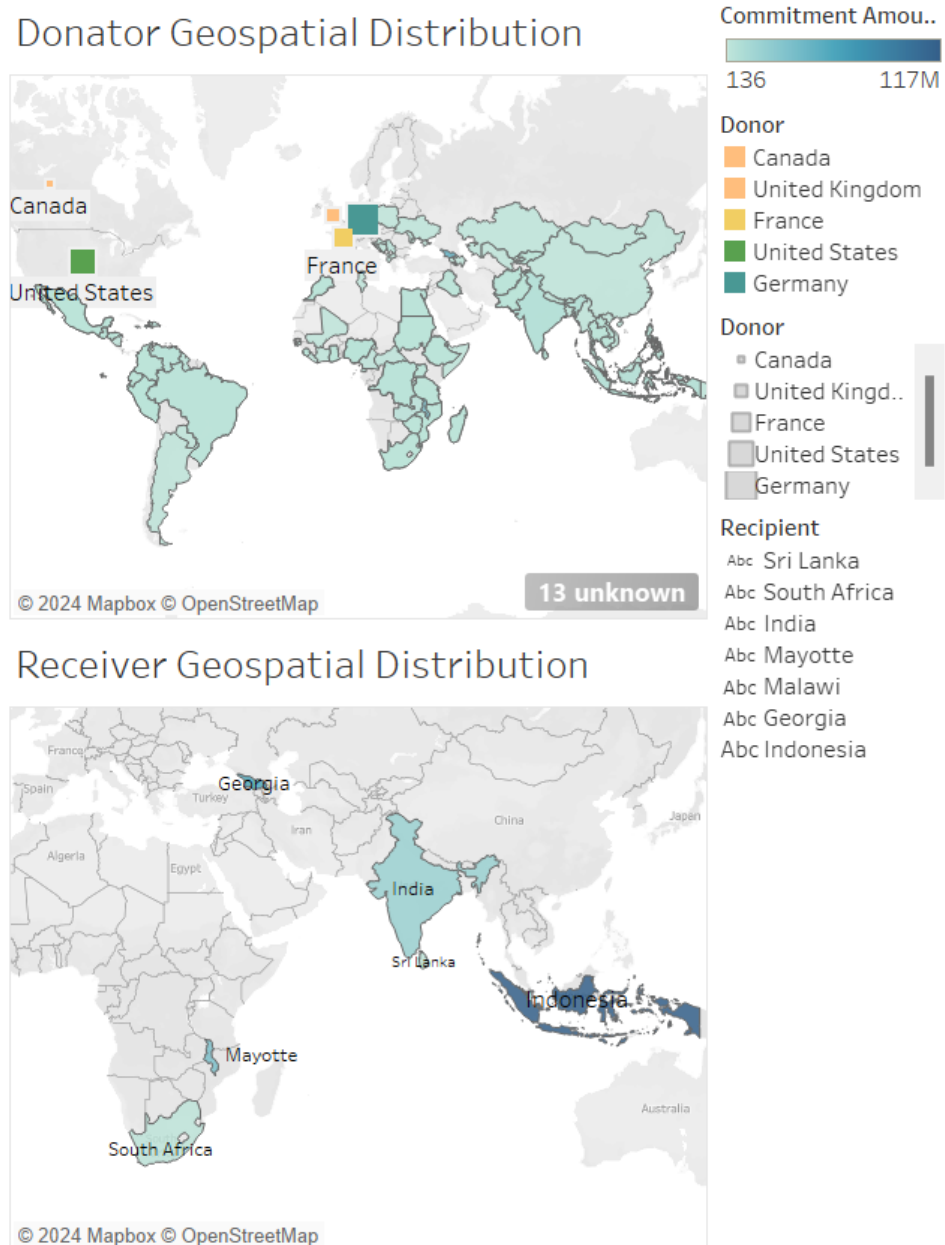
Below is the visualization of Vis/Task #2:

Fig. 2. a.[Donator Geospatial Distribution]Geospatial representation of major aid provided by Donor countries to the recipient countries for a committed amount in USD. Besides the representation, the legend Donor also gives the information regarding the top donors like Germany, United States to mention the first few. b.[Receiver Geospatial Distribution] Geospatial representation of top recipient countries whom Donor countries have provided for a committed amount in USD. The legend commitment amount showcases the scale of these donations where dark color represents major donations compared to the light color. Indonesia has been donated more, Georgia and Malawi are the next major recipients and also can be seen from the Recipient Legend, where the country names font size is bigger for the large amount given to the recipients.

References:

[1] Tierney, Michael J., Daniel L. Nielson, Darren G. Hawkins, J. Timmons Roberts, Michael G. Findley, Ryan M. Powers, Bradley Parks, Sven E. Wilson, and Robert L. Hicks. 2011. More Dollars than Sense: Refining Our Knowledge of Development Finance Using AidData. World Development 39 (11): 1891-1906

[2] Tableau

https://public.tableau.com/app/profile/nir.smilga/viz/TableauPublicExplorer/TableauPublicExplorer